

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080321\  
 Data File : VX023519.D  
 Acq On : 03 Aug 2021 10:25  
 Operator : JC/MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC020

Manual Integrations  
 APPROVED

MMDadoda  
 8/6/2021 5:39:16 PM

Quant Time: Aug 03 11:38:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X080321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 03 11:36:59 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Bromochloromethane        | 4.910          | 128  | 38802      | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.769          | 114  | 209071     | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055         | 117  | 189340     | 30.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.964          | 65   | 88337      | 29.940   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = | 99.800%  |        |          |
| 60) 4-Bromofluorobenzene     | 11.085         | 95   | 90767      | 29.675   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = | 98.900%  |        |          |
| 63) Toluene-d8               | 8.653          | 98   | 260543     | 30.494   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = | 101.633% |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.172          | 85   | 44218      | 19.166   | ug/l   | 96       |
| 3) Chloromethane             | 1.294          | 50   | 50262      | 19.311   | ug/l   | 96       |
| 4) Vinyl Chloride            | 1.374          | 62   | 48735      | 18.790   | ug/l   | 98       |
| 5) Bromomethane              | 1.605          | 94   | 33135      | 21.108   | ug/l   | 94       |
| 6) Chloroethane              | 1.685          | 64   | 30242      | 18.767   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 1.892          | 101  | 79036      | 19.045   | ug/l   | 95       |
| 8) Diethyl Ether             | 2.136          | 74   | 27847      | 18.702   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 44318      | 19.138   | ug/l   | 99       |
| 10) 1,1-Dichloroethene       | 2.319          | 96   | 41932      | 18.761   | ug/l   | 97       |
| 11) Methyl Iodide            | 2.453          | 142  | 56000      | 17.851   | ug/l   | 95       |
| 12) Methyl Acetate           | 2.709          | 43   | 63960      | 19.031   | ug/l   | 99       |
| 13) Acrolein                 | 2.239          | 56   | 32381      | 84.666   | ug/l   | 99       |
| 14) Acrylonitrile            | 3.068          | 53   | 142296     | 94.793   | ug/l   | 98       |
| 15) Acetone                  | 2.386          | 58   | 49549      | 112.990  | ug/l   | 99       |
| 16) Carbon Disulfide         | 2.514          | 76   | 99784      | 18.453   | ug/l   | 99       |
| 17) Allyl chloride           | 2.666          | 41   | 76965      | 18.792   | ug/l   | 97       |
| 18) Methylene Chloride       | 2.794          | 84   | 49640      | 18.757   | ug/l   | 99       |
| 19) trans-1,2-Dichloroethene | 3.099          | 96   | 44536      | 18.650   | ug/l   | 96       |
| 20) Diisopropyl ether        | 3.770          | 45   | 156911     | 19.011   | ug/l   | 98       |
| 21) 1,1-Dichloroethane       | 3.617          | 63   | 84331      | 18.824   | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 4.501          | 96   | 52533      | 18.665   | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 2.971          | 59   | 65228      | 97.985   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.123          | 73   | 148159     | 18.635   | ug/l   | 100      |
| 25) Chloroform               | 5.105          | 83   | 86438      | 18.675   | ug/l   | 98       |
| 26) Cyclohexane              | 5.483          | 56   | 77257      | 18.667   | ug/l # | 98       |
| 29) 1,1-Dichloropropene      | 5.696          | 75   | 60800      | 18.823   | ug/l   | 98       |
| 30) 2-Butanone               | 4.568          | 43   | 224513     | 103.759  | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 4.483          | 77   | 70955      | 19.907   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.391          | 97   | 75544      | 19.553   | ug/l   | 100      |
| 33) Carbon Tetrachloride     | 5.684          | 117  | 65019      | 19.349   | ug/l   | 96       |
| 34) Benzene                  | 6.044          | 78   | 191461     | 19.717   | ug/l   | 98       |
| 35) Methacrylonitrile        | 4.928          | 41   | 41261      | 19.128   | ug/l   | 98       |
| 36) 1,2-Dichloroethane       | 6.098          | 62   | 72505      | 19.706   | ug/l   | 99       |
| 37) Trichloroethene          | 7.135          | 130  | 50557      | 19.267   | ug/l   | 95       |
| 38) Methylcyclohexane        | 7.385          | 83   | 77781      | 18.899   | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 7.434          | 63   | 49626      | 19.537   | ug/l   | 95       |
| 40) Dibromomethane           | 7.586          | 93   | 35240      | 19.912   | ug/l   | 96       |
| 41) Bromodichloromethane     | 7.830          | 83   | 61425      | 19.168   | ug/l   | 99       |
| 42) Vinyl Acetate            | 3.733          | 43   | 691967     | 98.331   | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080321\  
 Data File : VX023519.D  
 Acq On : 03 Aug 2021 10:25  
 Operator : JC/MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC020

Manual Integrations  
 APPROVED

MMDadoda  
 8/6/2021 5:39:16 PM

Quant Time: Aug 03 11:38:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X080321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 03 11:36:59 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 4.727  | 43   | 79850    | 19.603  | ug/l  | 100      |
| 44) Isopropyl Acetate         | 6.348  | 43   | 122515   | 19.067  | ug/l  | 100      |
| 45) 1,4-Dioxane               | 7.665  | 88   | 27303    | 413.384 | ug/l  | 99       |
| 46) Methyl methacrylate       | 7.696  | 41   | 59279    | 19.148  | ug/l  | 99       |
| 47) n-amyl Acetate            | 10.848 | 43   | 103133   | 19.107  | ug/l  | 98       |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 70941    | 18.954  | ug/l  | 99       |
| 49) cis-1,3-Dichloropropene   | 8.372  | 75   | 77024    | 19.245  | ug/l  | 98       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 50100    | 19.454  | ug/l  | 97       |
| 51) Ethyl methacrylate        | 9.122  | 69   | 75937    | 18.380  | ug/l  | 97       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 83275    | 19.508  | ug/l  | 99       |
| 53) Dibromochloromethane      | 9.525  | 129  | 47765    | 18.858  | ug/l  | 98       |
| 54) 1,2-Dibromoethane         | 9.616  | 107  | 53028    | 19.358  | ug/l  | 99       |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 197148   | 96.341  | ug/l  | 100      |
| 56) Bromoform                 | 10.805 | 173  | 34320    | 19.092  | ug/l  | 97       |
| 58) 4-Methyl-2-Pentanone      | 8.580  | 43   | 412676   | 102.070 | ug/l  | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 327881   | 104.559 | ug/l  | 99       |
| 61) Tetrachloroethene         | 9.275  | 164  | 50778    | 20.080  | ug/l  | 96       |
| 62) Toluene                   | 8.720  | 91   | 209377   | 19.610  | ug/l  | 99       |
| 64) Chlorobenzene             | 10.086 | 112  | 131433   | 19.730  | ug/l  | 97       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 47365    | 19.767  | ug/l  | 98       |
| 66) Ethyl Benzene             | 10.195 | 91   | 226227   | 19.217  | ug/l  | 99       |
| 67) m/p-Xylenes               | 10.305 | 106  | 176416   | 39.172  | ug/l  | 98       |
| 68) o-Xylene                  | 10.646 | 106  | 86379    | 19.329  | ug/l  | 100      |
| 69) Styrene                   | 10.659 | 104  | 140327   | 19.371  | ug/l  | 100      |
| 70) Isopropylbenzene          | 10.963 | 105  | 224716   | 19.366  | ug/l  | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 75042    | 20.099  | ug/l  | 99       |
| 72) 1,2,3-Trichloropropane    | 11.244 | 75   | 72254m   | 20.698  | ug/l  |          |
| 73) Bromobenzene              | 11.201 | 156  | 55236    | 19.217  | ug/l  | 96       |
| 74) n-propylbenzene           | 11.305 | 91   | 258822   | 19.282  | ug/l  | 100      |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 155093   | 19.294  | ug/l  | 100      |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 187593   | 19.399  | ug/l  | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 23736    | 19.383  | ug/l  | 99       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 173589   | 19.228  | ug/l  | 100      |
| 79) tert-butylbenzene         | 11.719 | 119  | 180189   | 19.145  | ug/l  | 99       |
| 80) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 188790   | 19.735  | ug/l  | 100      |
| 81) sec-Butylbenzene          | 11.896 | 105  | 230437   | 19.173  | ug/l  | 100      |
| 82) p-Isopropyltoluene        | 12.012 | 119  | 189038   | 19.079  | ug/l  | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 98589    | 19.255  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 96611    | 19.077  | ug/l  | 99       |
| 85) n-Butylbenzene            | 12.335 | 91   | 163407   | 18.631  | ug/l  | 100      |
| 86) Hexachloroethane          | 12.542 | 117  | 28864    | 18.328  | ug/l  | 100      |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 96679    | 19.645  | ug/l  | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 14516    | 18.115  | ug/l  | 97       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 56320    | 18.499  | ug/l  | 98       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 26378    | 19.358  | ug/l  | 99       |
| 91) Naphthalene               | 13.780 | 128  | 197741   | 18.741  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 57493    | 18.641  | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

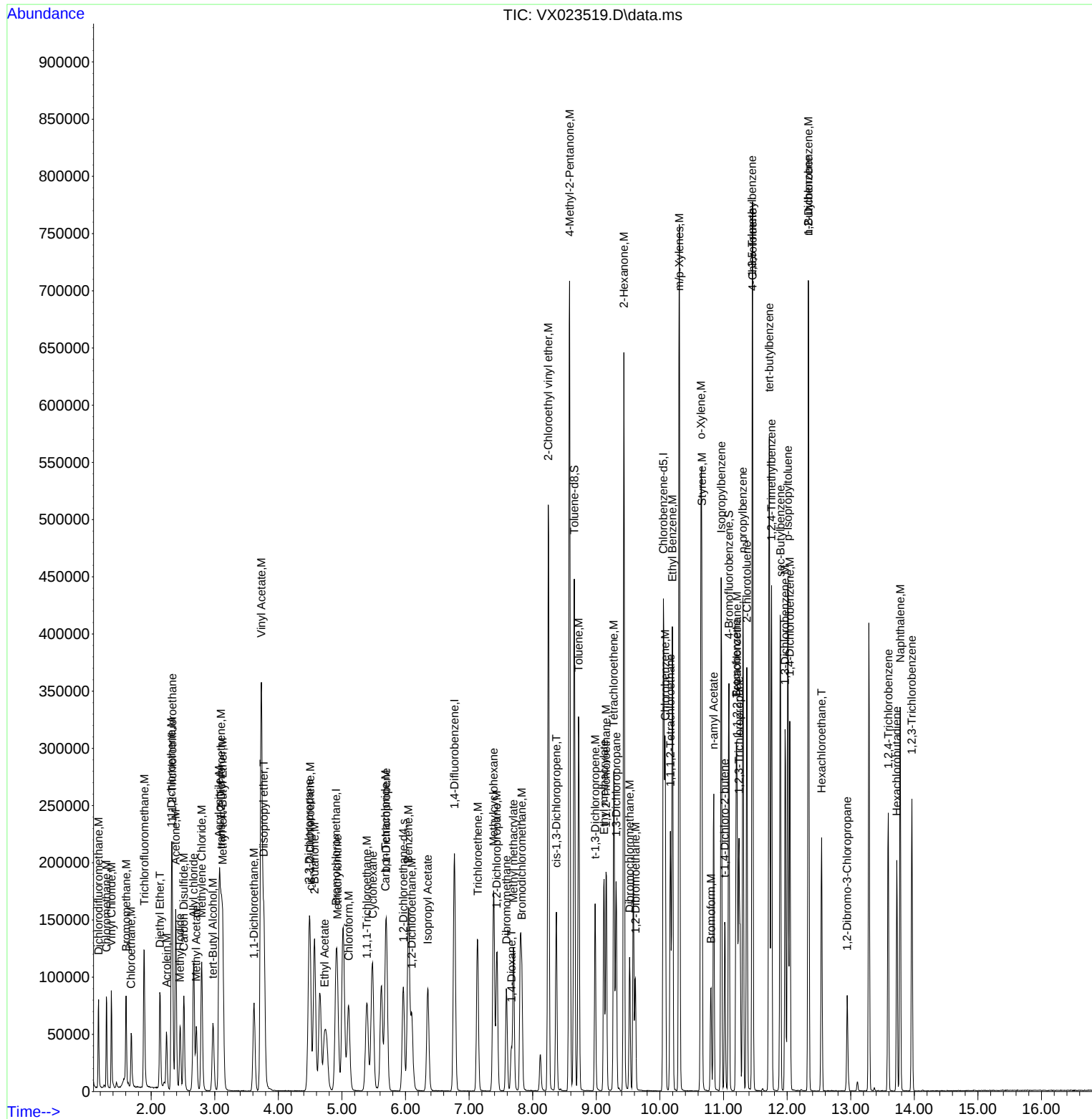
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080321\  
 Data File : VX023519.D  
 Acq On : 03 Aug 2021 10:25  
 Operator : JC/MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

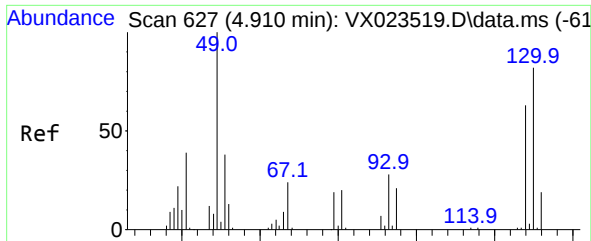
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDICCC020

Manual Integrations  
 APPROVED

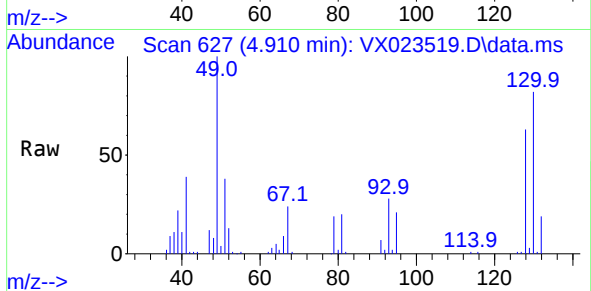
MMDadoda  
 8/6/2021 5:39:16 PM

Quant Time: Aug 03 11:38:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X080321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Aug 03 11:36:59 2021  
 Response via : Initial Calibration

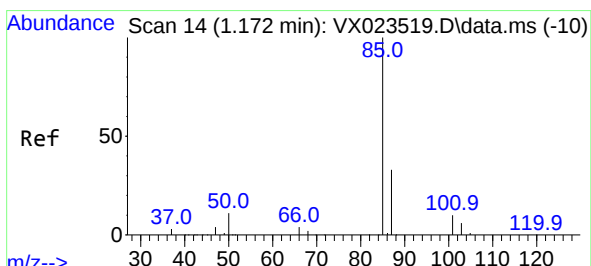
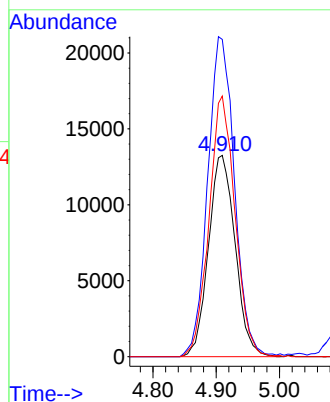
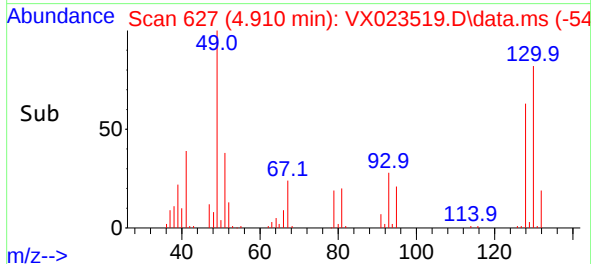




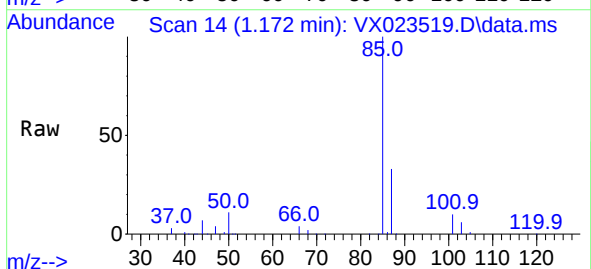
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.910 min Scan# 627  
Delta R.T. -0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



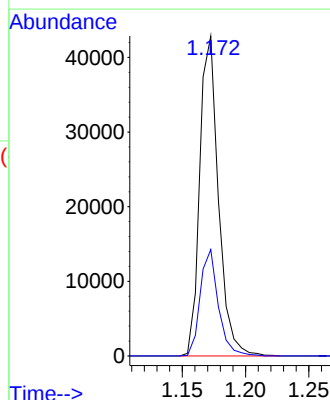
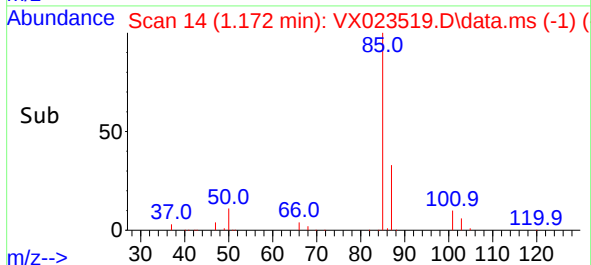
Tgt Ion:128 Resp: 38802  
Ion Ratio Lower Upper  
128 100  
49 158.9 0.0 402.5  
130 126.5 0.0 326.5



#2  
Dichlorodifluoromethane  
Concen: 19.166 ug/l  
RT: 1.172 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



Tgt Ion: 85 Resp: 44218  
Ion Ratio Lower Upper  
85 100  
87 33.2 15.6 46.8

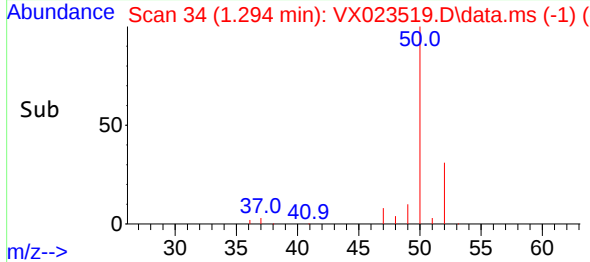
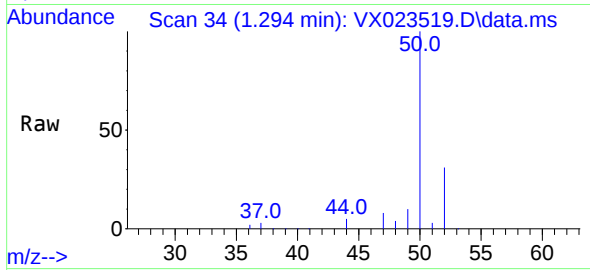
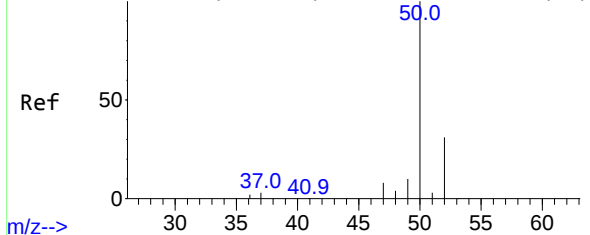


Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Manual Integrations  
APPROVED

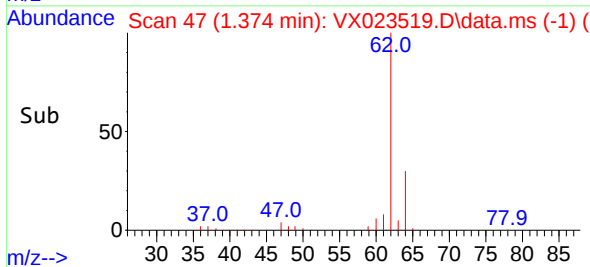
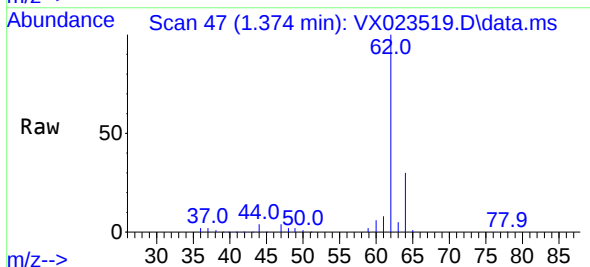
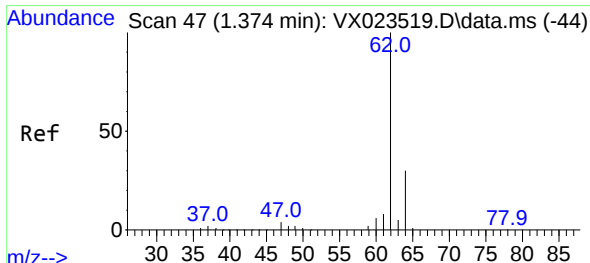
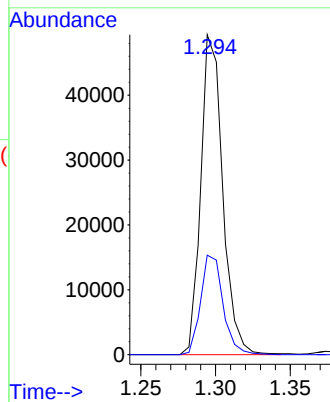
MMDadoda  
8/6/2021 5:39:16 PM

Abundance Scan 34 (1.294 min): VX023519.D\data.ms (-31)



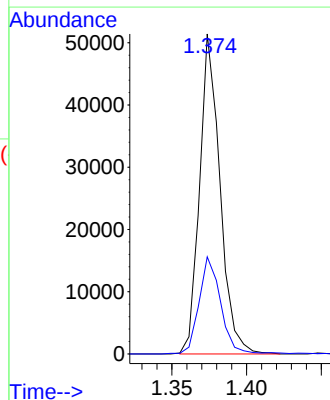
#3  
Chloromethane  
Concen: 19.311 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 50 Resp: 50262  
Ion Ratio Lower Upper  
50 100  
52 31.1 26.9 40.3



#4  
Vinyl Chloride  
Concen: 18.790 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

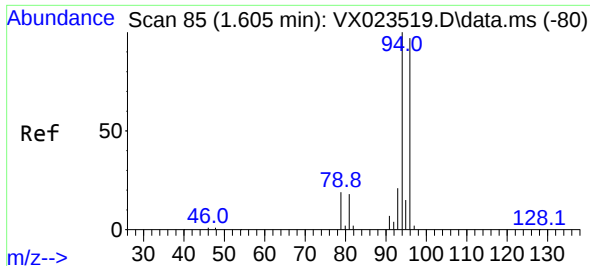
Tgt Ion: 62 Resp: 48735  
Ion Ratio Lower Upper  
62 100  
64 30.1 25.0 37.4



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Manual Integrations  
APPROVED

MMDadoda  
8/6/2021 5:39:16 PM



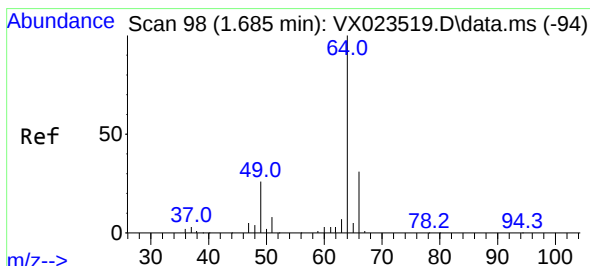
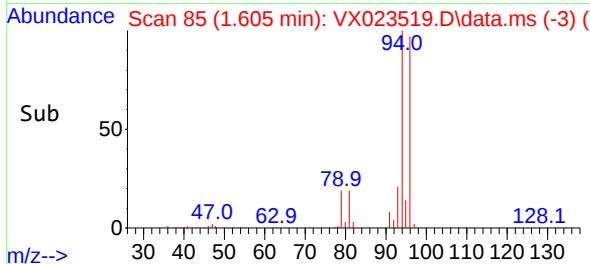
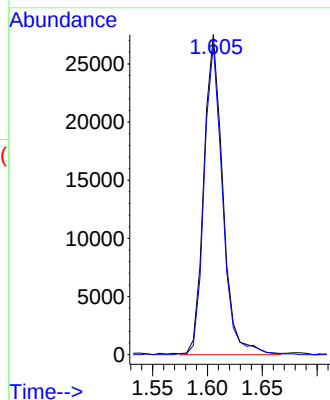
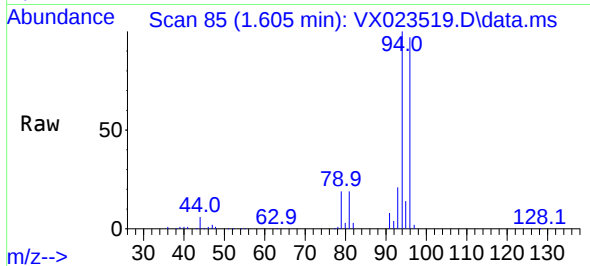
#5  
Bromomethane  
Concen: 21.108 ug/l  
RT: 1.605 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 94 Resp: 33135  
Ion Ratio Lower Upper  
94 100  
96 97.0 72.8 109.2

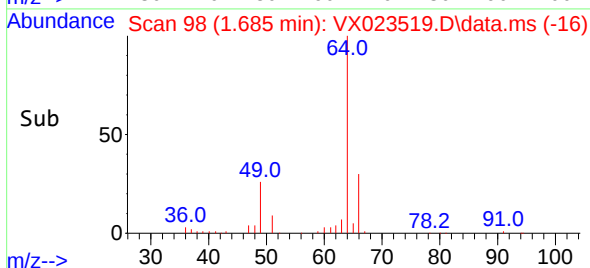
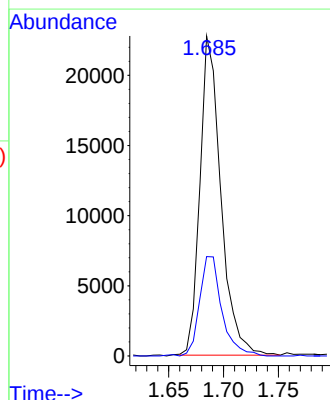
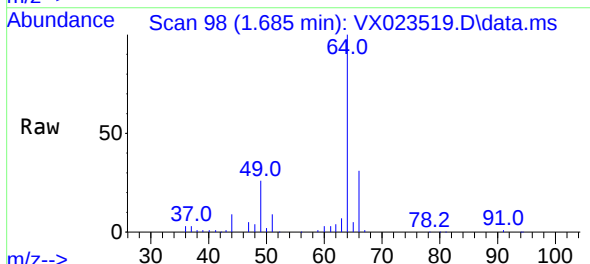
Manual Integrations  
APPROVED

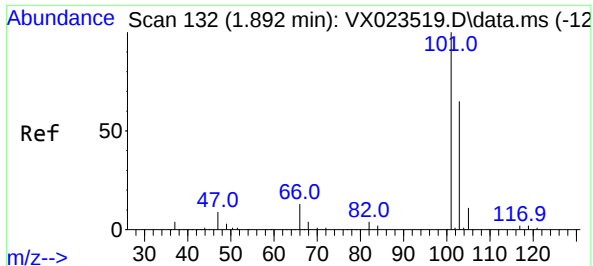
MMDadoda  
8/6/2021 5:39:16 PM



#6  
Chloroethane  
Concen: 18.767 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 64 Resp: 30242  
Ion Ratio Lower Upper  
64 100  
66 31.1 26.8 40.2





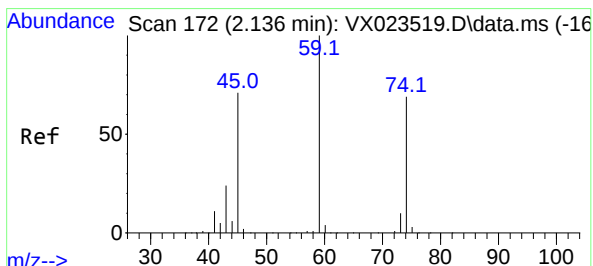
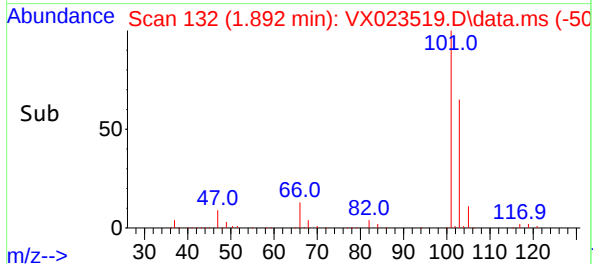
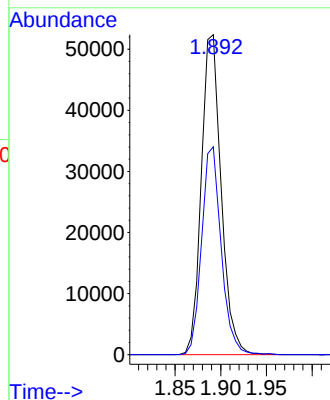
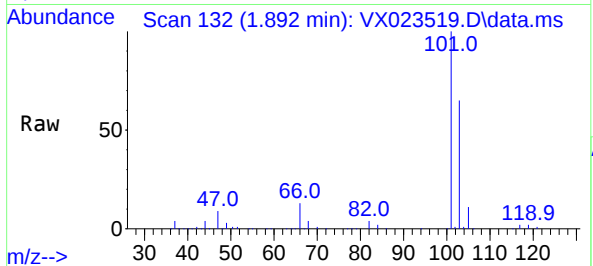
#7  
Trichlorofluoromethane  
Concen: 19.045 ug/l  
RT: 1.892 min Scan# 132  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion:101 Resp: 79036  
Ion Ratio Lower Upper  
101 100  
103 64.9 55.0 82.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

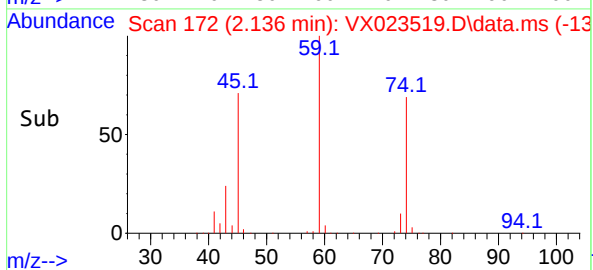
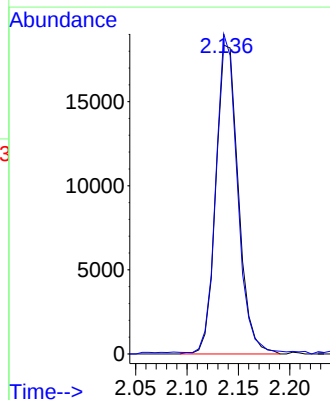
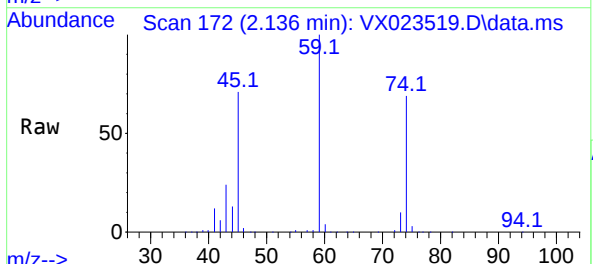
Manual Integrations  
APPROVED

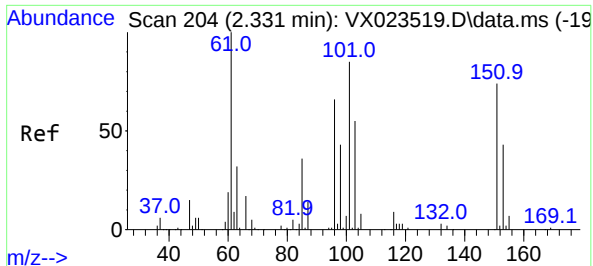
MMDadoda  
8/6/2021 5:39:16 PM



#8  
Diethyl Ether  
Concen: 18.702 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 74 Resp: 27847  
Ion Ratio Lower Upper  
74 100  
45 99.0 19.9 179.1





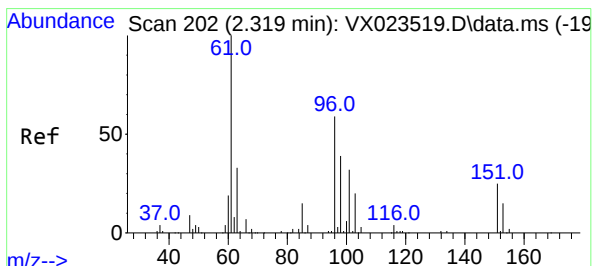
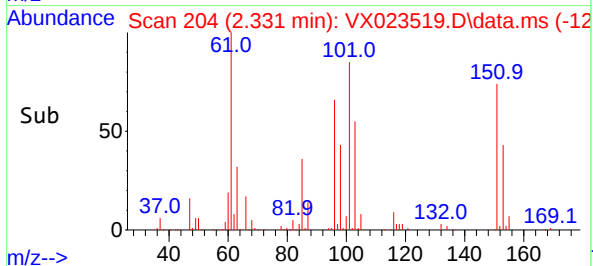
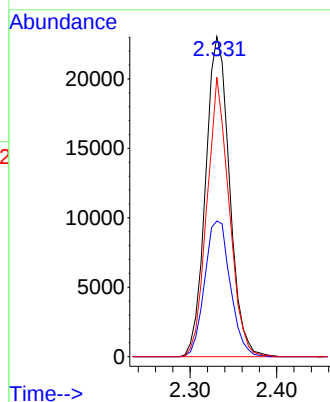
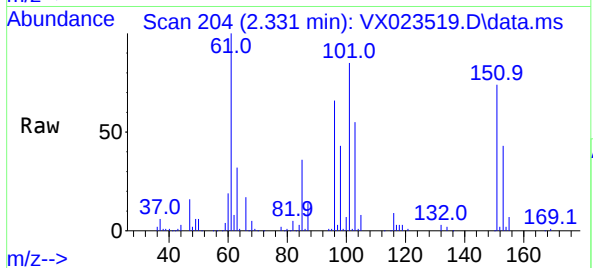
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.138 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 101 Resp: 44318  
Ion Ratio Lower Upper  
101 100  
85 45.3 0.0 91.4  
151 80.9 0.0 160.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

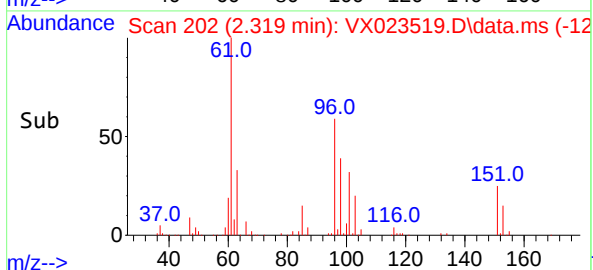
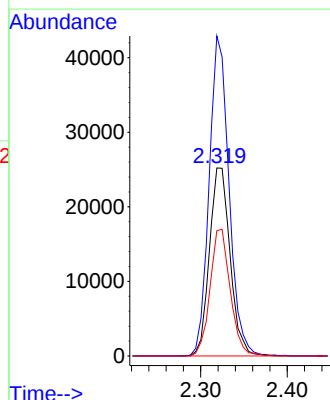
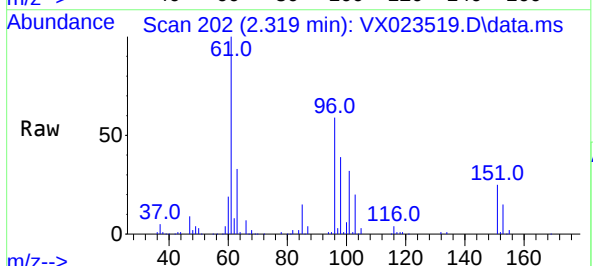
Manual Integrations  
APPROVED

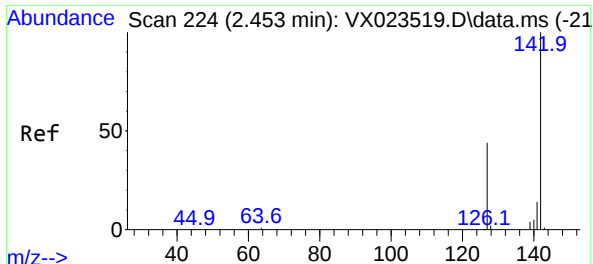
MMDadoda  
8/6/2021 5:39:16 PM



#10  
1,1-Dichloroethene  
Concen: 18.761 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

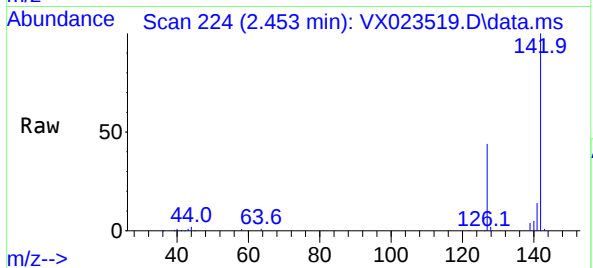
Tgt Ion: 96 Resp: 41932  
Ion Ratio Lower Upper  
96 100  
61 170.2 140.3 210.5  
98 66.6 52.8 79.2





#11  
Methyl Iodide  
Concen: 17.851 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

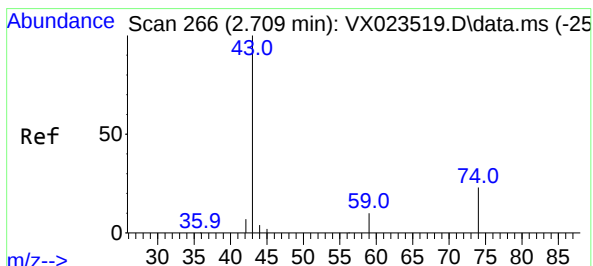
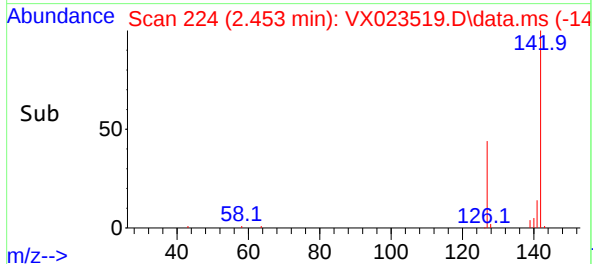
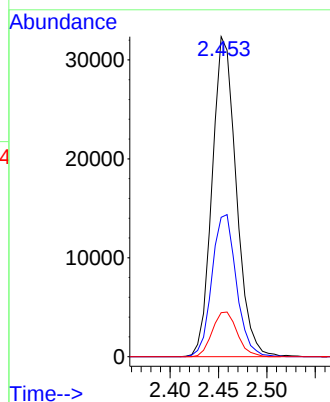
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



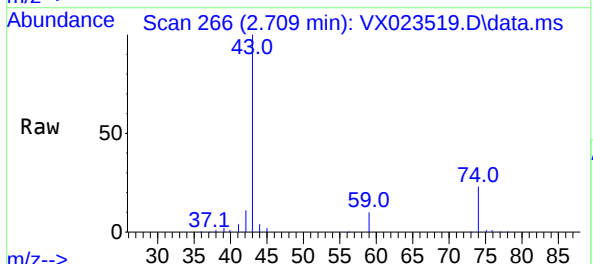
Tgt Ion:142 Resp: 56000  
Ion Ratio Lower Upper  
142 100  
127 43.5 23.6 71.0  
141 13.8 7.1 21.3

Manual Integrations  
APPROVED

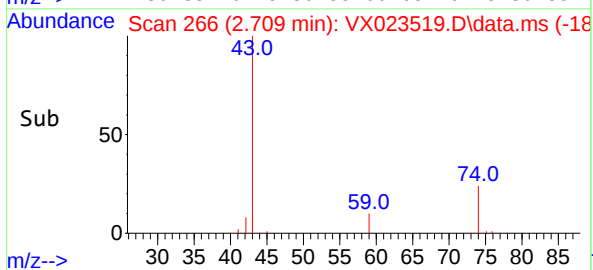
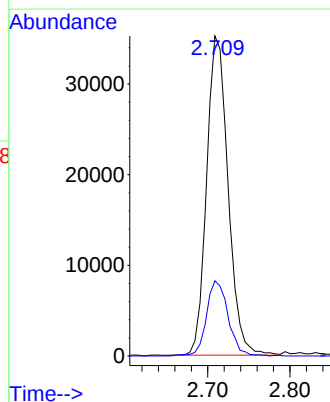
MMDadoda  
8/6/2021 5:39:16 PM

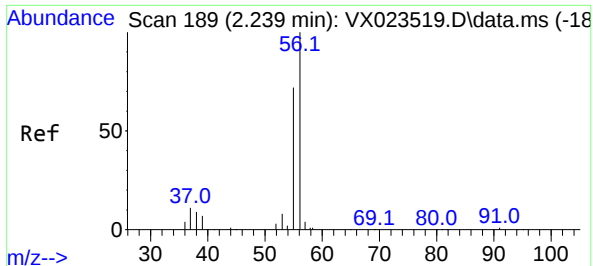


#12  
Methyl Acetate  
Concen: 19.031 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

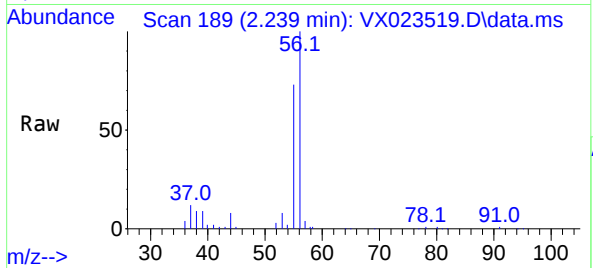


Tgt Ion: 43 Resp: 63960  
Ion Ratio Lower Upper  
43 100  
74 23.3 18.2 27.2

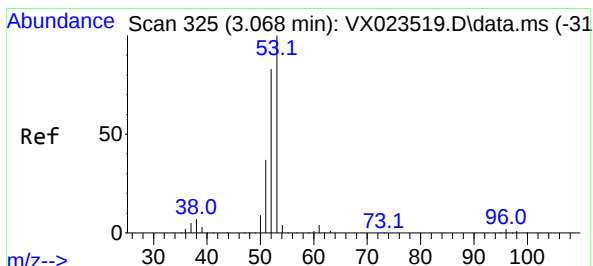
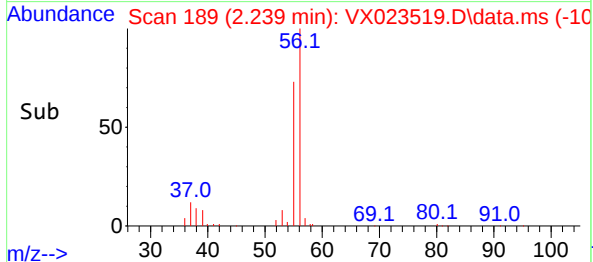
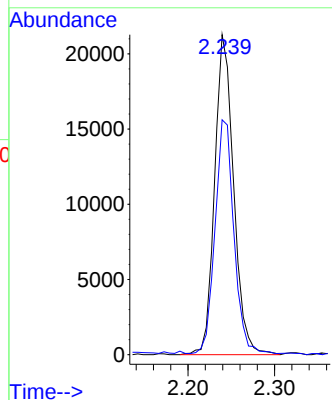




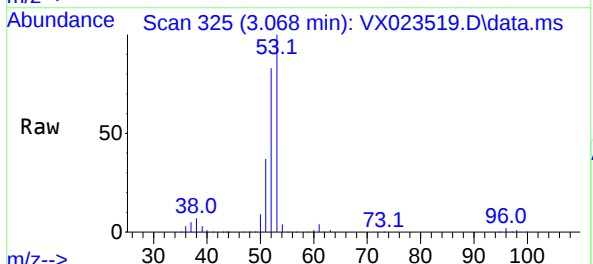
#13  
Acrolein  
Concen: 84.666 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



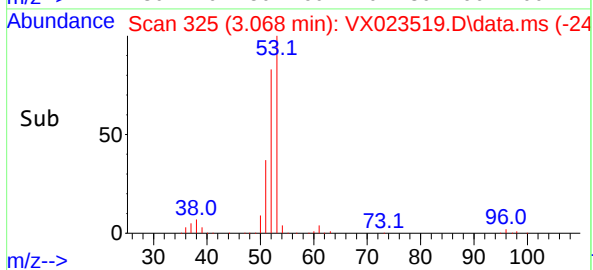
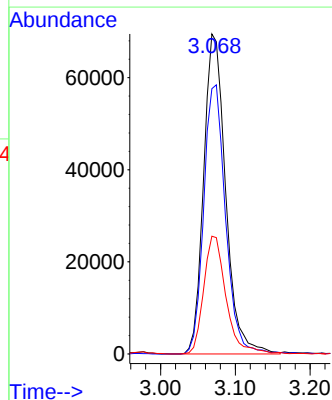
Tgt Ion: 56 Resp: 32381  
Ion Ratio Lower Upper  
56 100  
55 73.4 59.5 89.3



#14  
Acrylonitrile  
Concen: 94.793 ug/l  
RT: 3.068 min Scan# 325  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



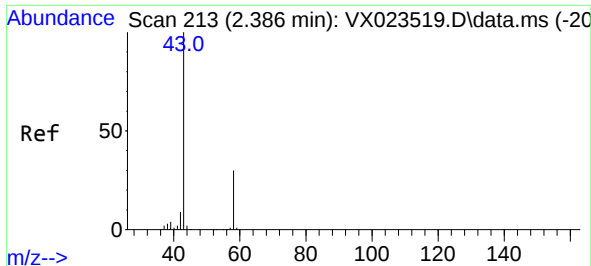
Tgt Ion: 53 Resp: 142296  
Ion Ratio Lower Upper  
53 100  
52 83.2 40.4 121.2  
51 37.2 18.1 54.1



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Manual Integrations  
APPROVED

MMDadoda  
8/6/2021 5:39:16 PM



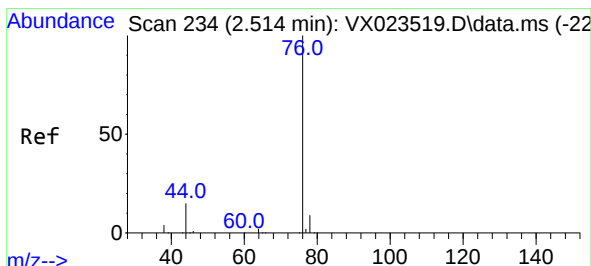
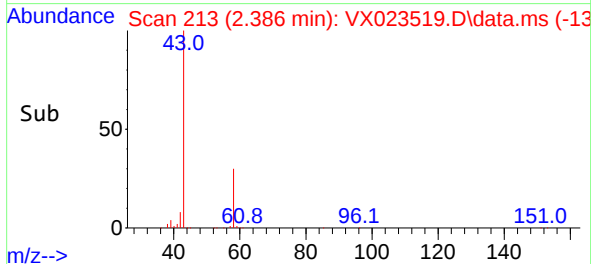
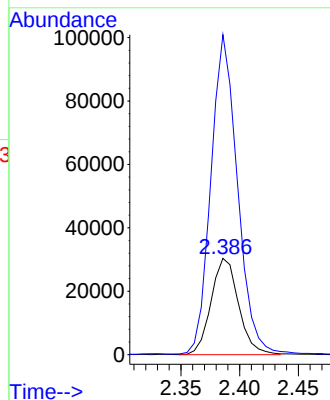
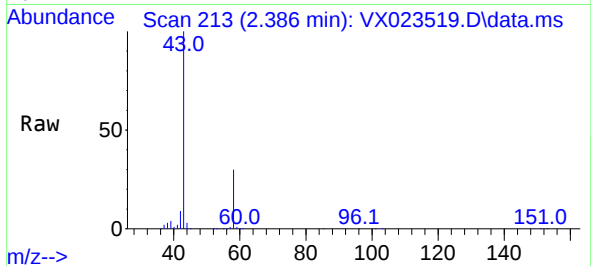
#15  
Acetone  
Concen: 112.990 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 58 Resp: 49549  
Ion Ratio Lower Upper  
58 100  
43 331.5 266.6 400.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

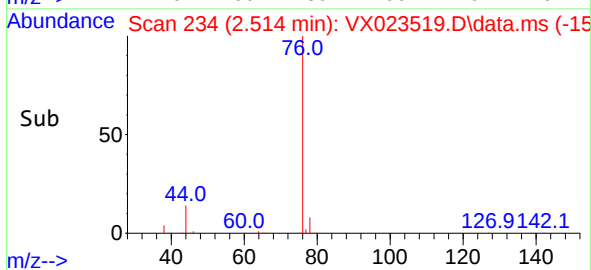
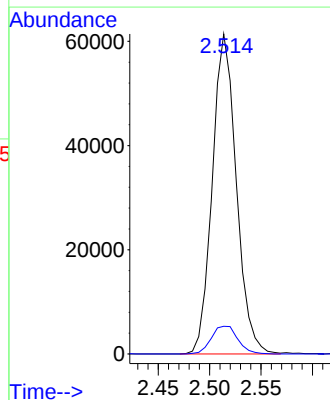
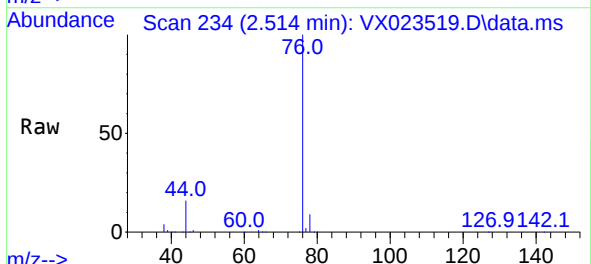
Manual Integrations  
APPROVED

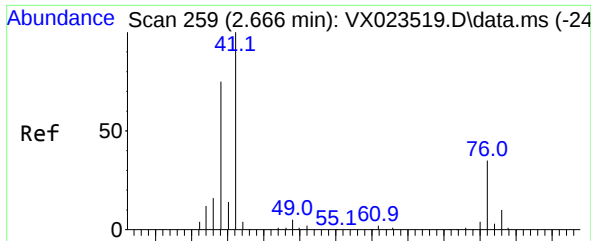
MMDadoda  
8/6/2021 5:39:16 PM



#16  
Carbon Disulfide  
Concen: 18.453 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 76 Resp: 99784  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.3 10.9





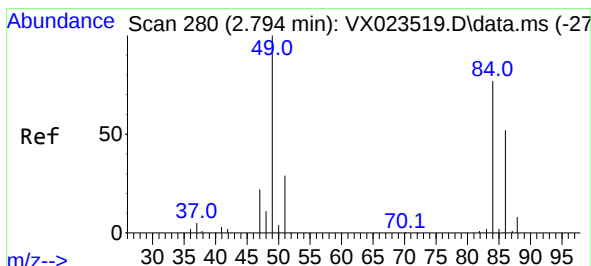
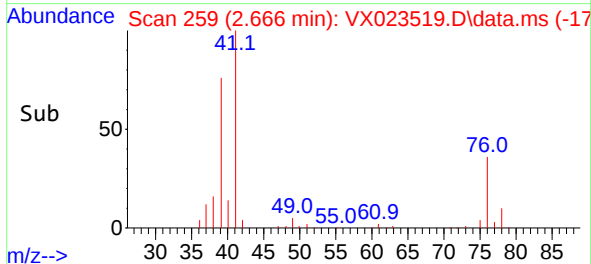
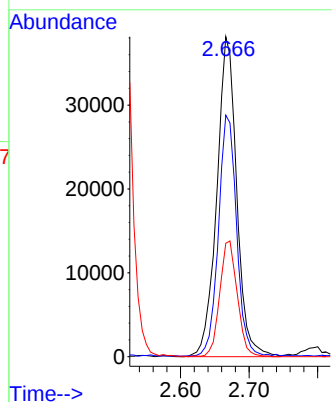
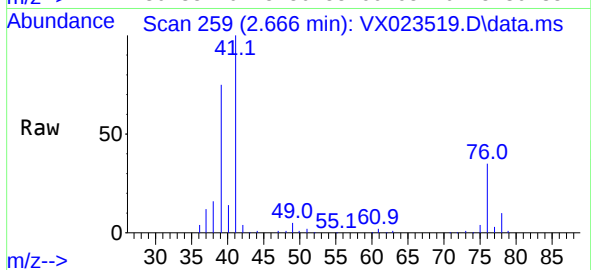
#17  
 Allyl chloride  
 Concen: 18.792 ug/l  
 RT: 2.666 min Scan# 259  
 Delta R.T. 0.000 min  
 Lab File: VX023519.D  
 Acq: 03 Aug 2021 10:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 76965 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 75.3  | 36.4  | 109.3 |
| 76       | 35.4  | 16.6  | 49.7  |

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC020

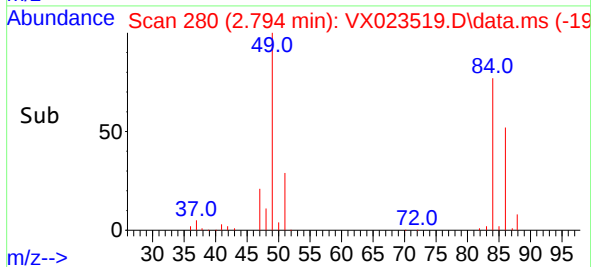
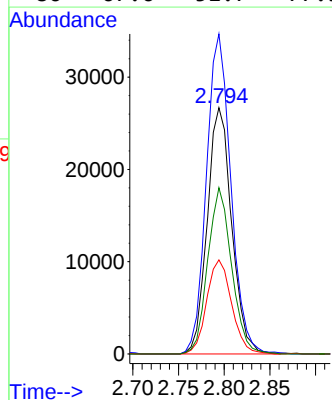
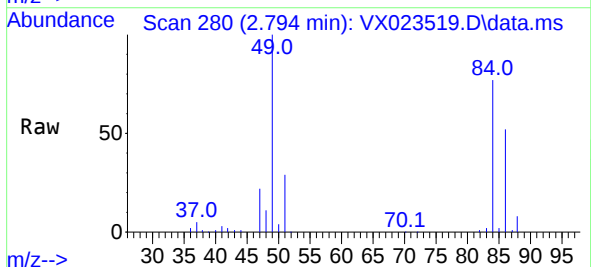
Manual Integrations  
 APPROVED

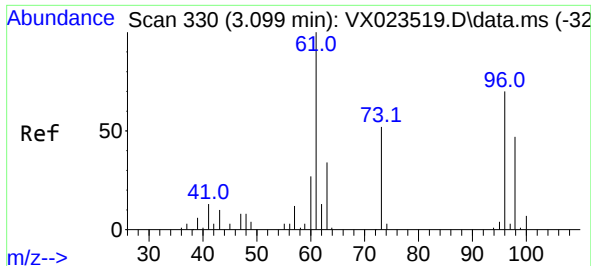
MMDadoda  
 8/6/2021 5:39:16 PM



#18  
 Methylene Chloride  
 Concen: 18.757 ug/l  
 RT: 2.794 min Scan# 280  
 Delta R.T. 0.000 min  
 Lab File: VX023519.D  
 Acq: 03 Aug 2021 10:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 49640 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 130.0 | 104.3 | 156.5 |
| 51       | 38.2  | 30.3  | 45.5  |
| 86       | 67.6  | 51.7  | 77.5  |





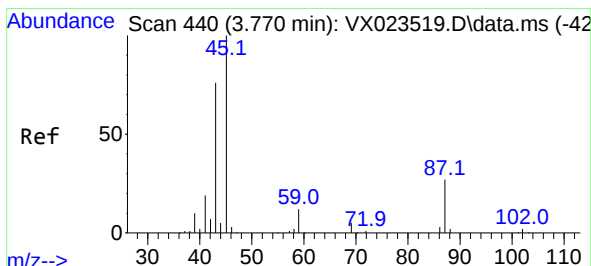
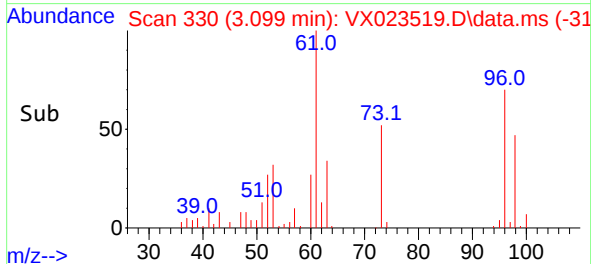
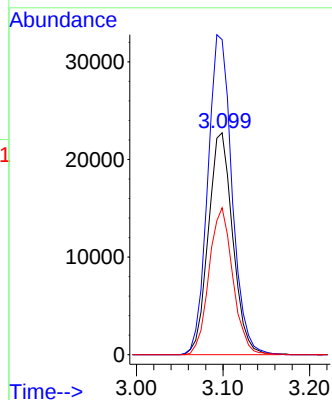
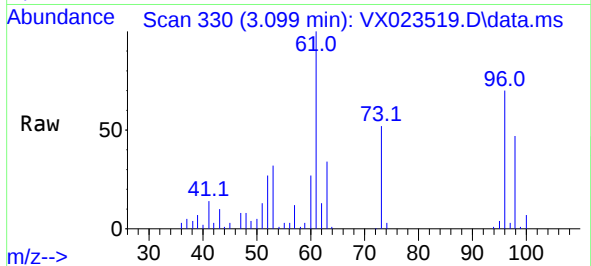
#19  
trans-1,2-Dichloroethene  
Concen: 18.650 ug/l  
RT: 3.099 min Scan# 330  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 96 Resp: 44536  
Ion Ratio Lower Upper  
96 100  
61 141.9 109.2 163.8  
98 66.2 50.8 76.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

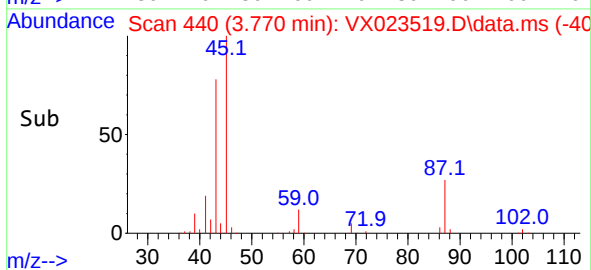
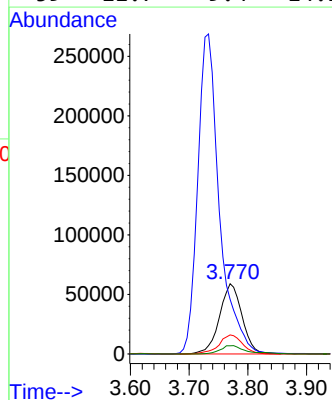
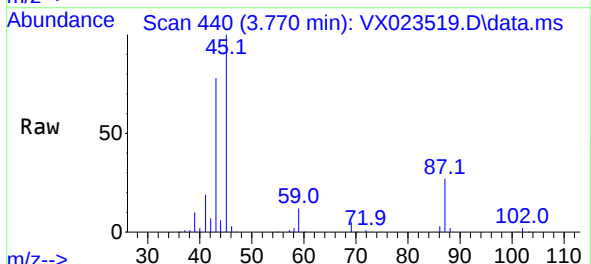
Manual Integrations  
APPROVED

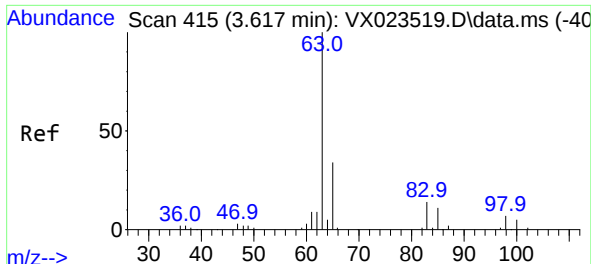
MMDadoda  
8/6/2021 5:39:16 PM



#20  
Diisopropyl ether  
Concen: 19.011 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 45 Resp: 156911  
Ion Ratio Lower Upper  
45 100  
43 76.5 63.8 95.6  
87 27.2 21.8 32.6  
59 11.7 9.4 14.2





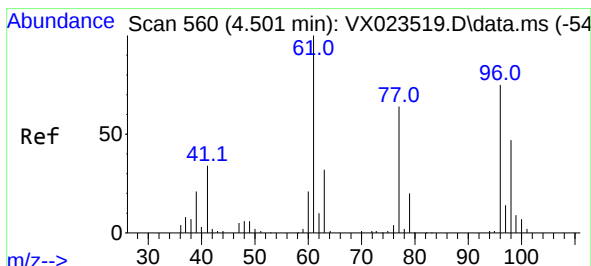
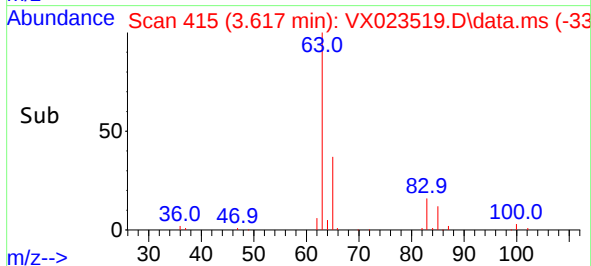
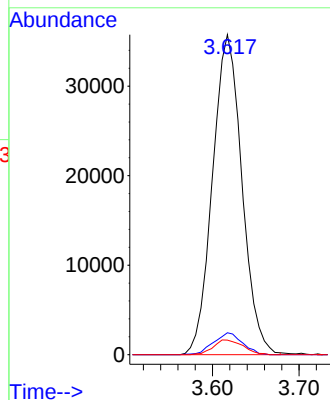
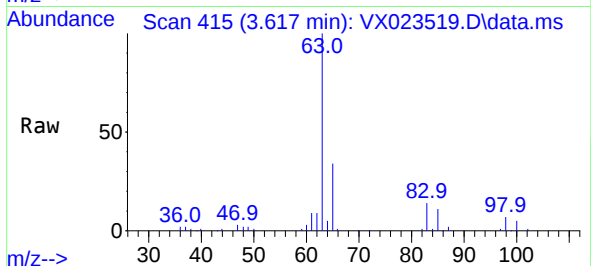
#21  
1,1-Dichloroethane  
Concen: 18.824 ug/l  
RT: 3.617 min Scan# 415  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 63 Resp: 84331  
Ion Ratio Lower Upper  
63 100  
98 6.9 3.4 10.1  
100 4.5 2.1 6.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

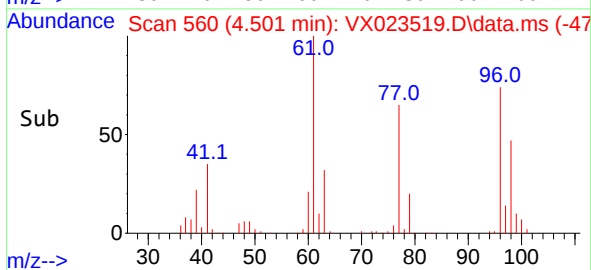
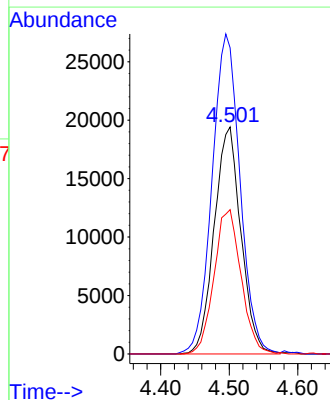
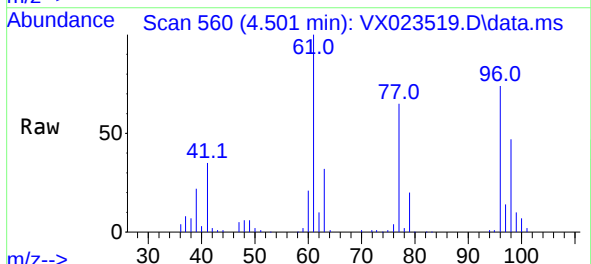
Manual Integrations  
APPROVED

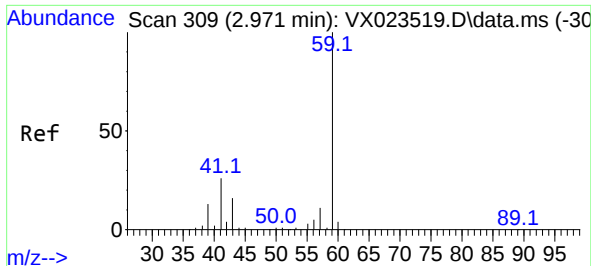
MMDadoda  
8/6/2021 5:39:16 PM



#22  
cis-1,2-Dichloroethene  
Concen: 18.665 ug/l  
RT: 4.501 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

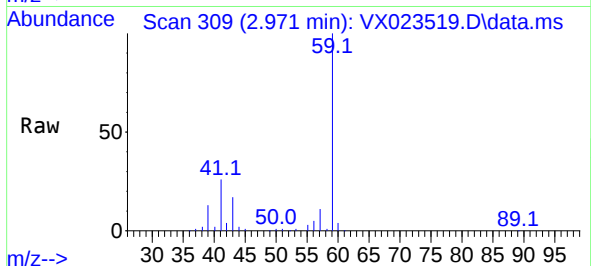
Tgt Ion: 96 Resp: 52533  
Ion Ratio Lower Upper  
96 100  
61 147.5 114.5 171.7  
98 64.4 51.3 76.9





#23  
tert-Butyl Alcohol  
Concen: 97.985 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

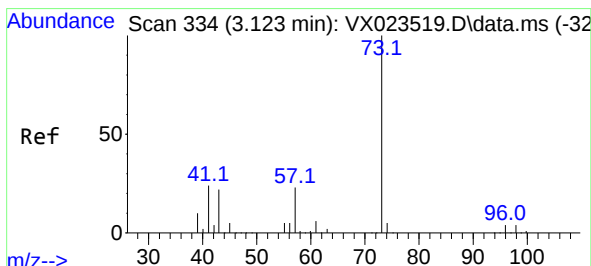
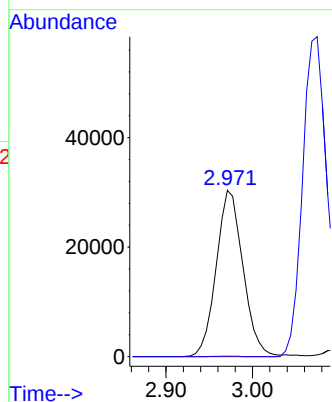
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



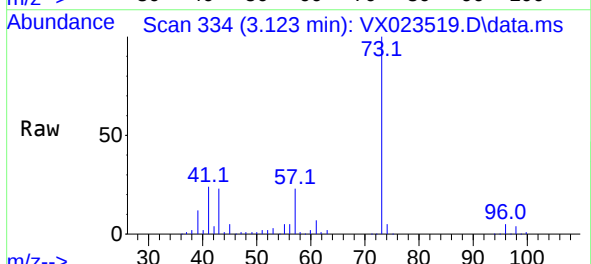
Tgt Ion: 59 Resp: 65228  
Ion Ratio Lower Upper  
59 100  
52 0.3 0.1 0.1#

Manual Integrations  
APPROVED

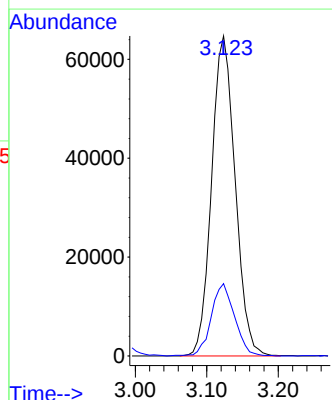
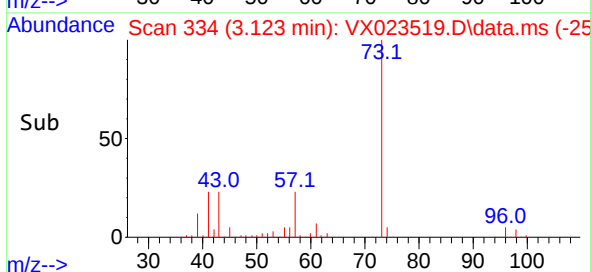
MMDadoda  
8/6/2021 5:39:16 PM

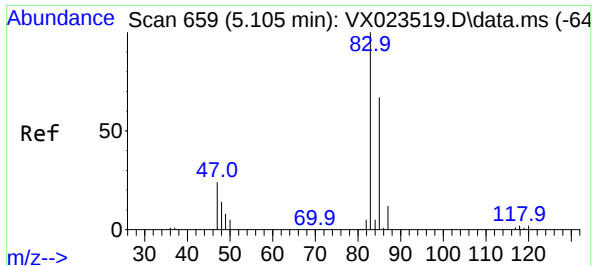


#24  
Methyl tert-Butyl Ether  
Concen: 18.635 ug/l  
RT: 3.123 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



Tgt Ion: 73 Resp: 148159  
Ion Ratio Lower Upper  
73 100  
43 22.3 17.9 26.9





#25

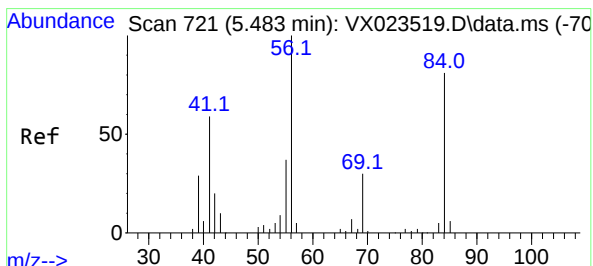
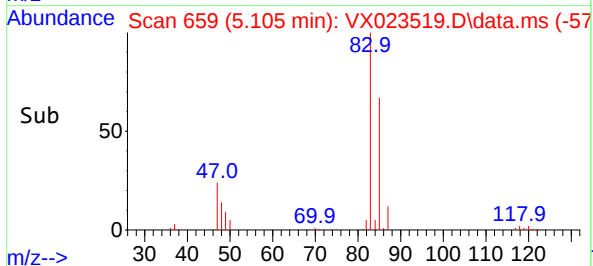
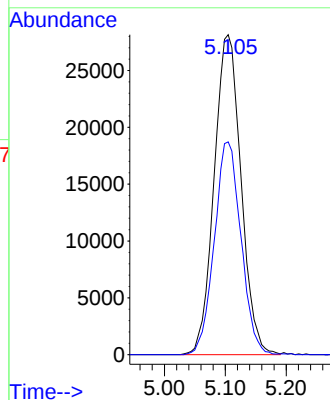
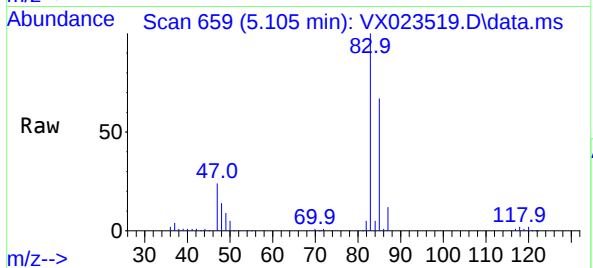
Chloroform  
Concen: 18.675 ug/l  
RT: 5.105 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 83 Resp: 86438  
Ion Ratio Lower Upper  
83 100  
85 66.5 51.8 77.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Manual Integrations  
APPROVED

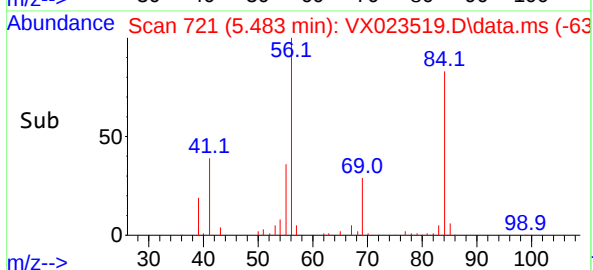
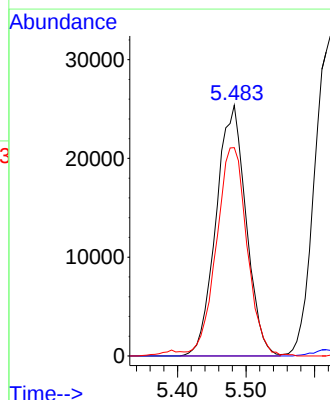
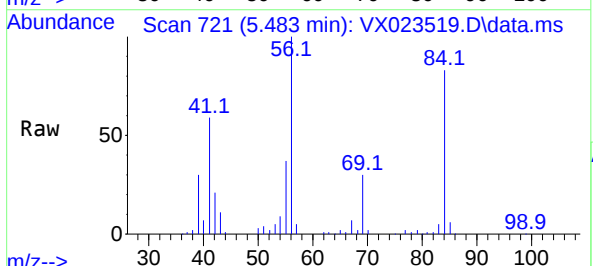
MMDadoda  
8/6/2021 5:39:16 PM

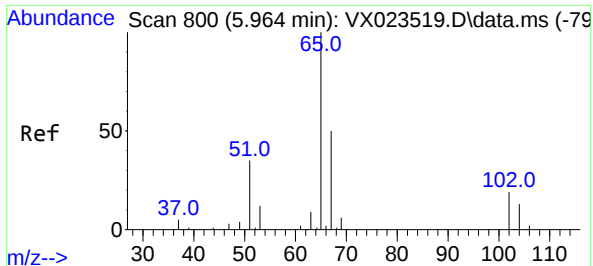


#26

Cyclohexane  
Concen: 18.667 ug/l  
RT: 5.483 min Scan# 721  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 56 Resp: 77257  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 84.9 69.0 103.6





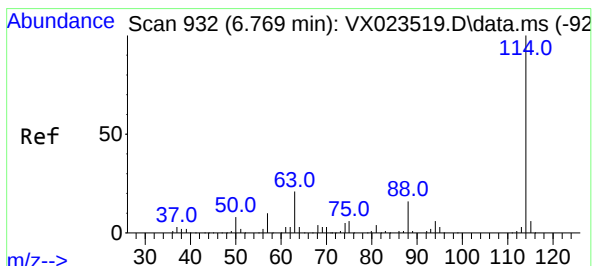
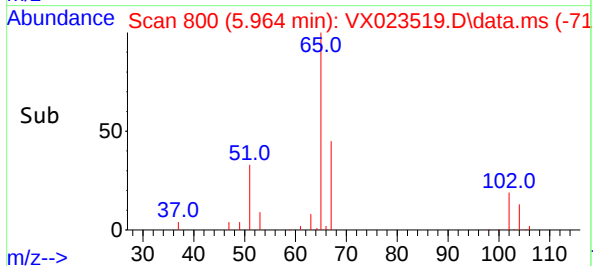
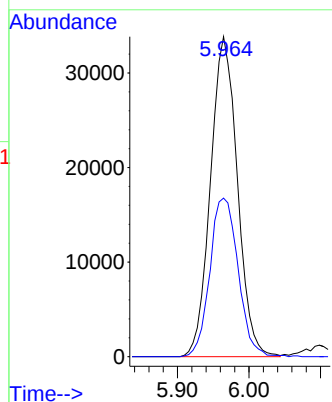
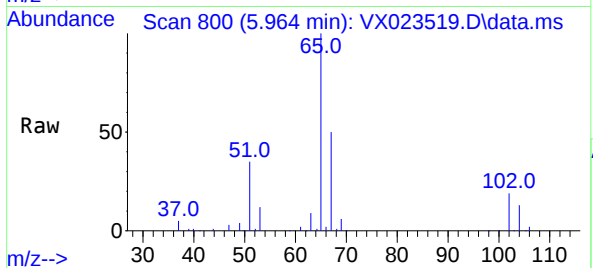
#27  
1,2-Dichloroethane-d4  
Concen: 29.940 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 65 Resp: 88337  
Ion Ratio Lower Upper  
65 100  
67 52.0 42.4 63.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

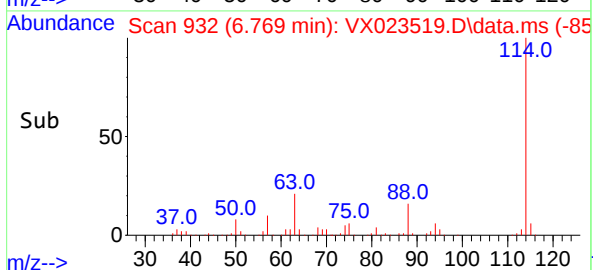
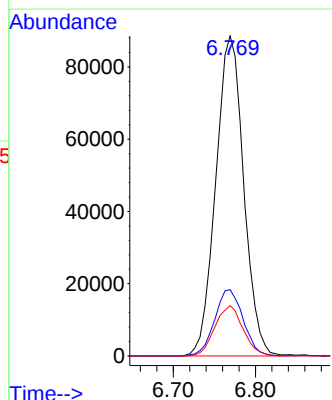
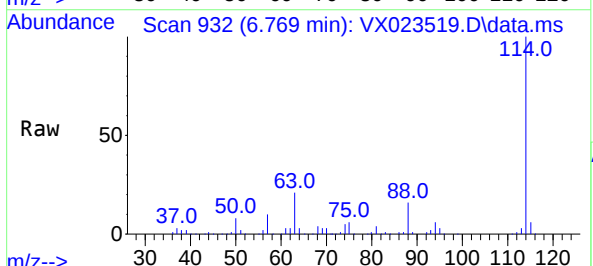
Manual Integrations  
APPROVED

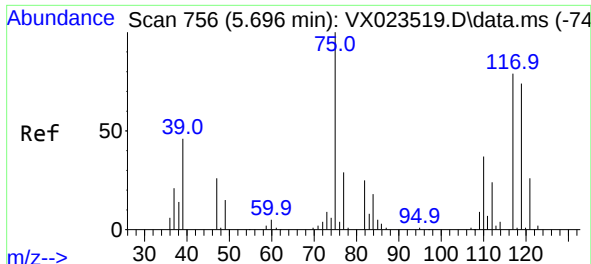
MMDadoda  
8/6/2021 5:39:16 PM



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 114 Resp: 209071  
Ion Ratio Lower Upper  
114 100  
63 21.2 16.4 24.6  
88 15.9 12.7 19.1





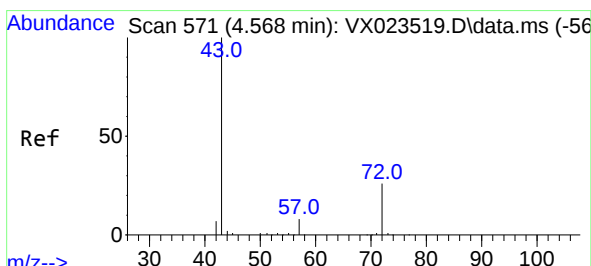
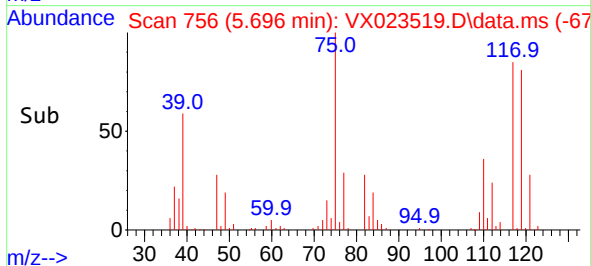
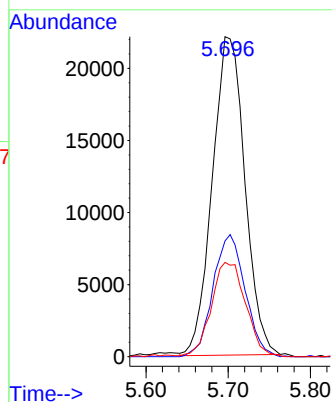
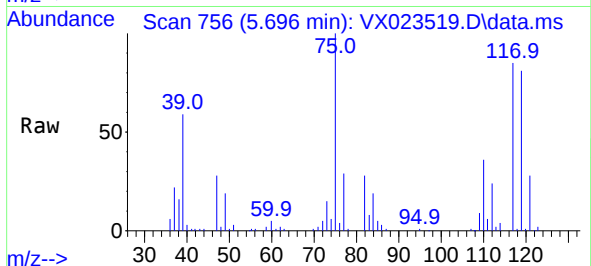
#29  
1,1-Dichloropropene  
Concen: 18.823 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 60800 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 37.8  | 0.0   | 72.0  |
| 77       | 31.3  | 0.0   | 61.8  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

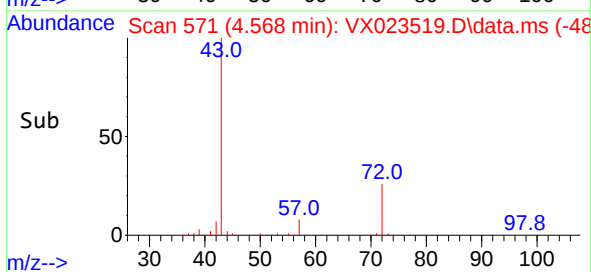
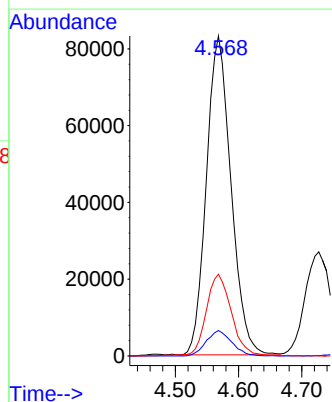
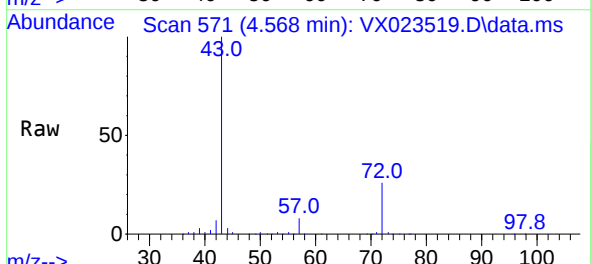
Manual Integrations  
APPROVED

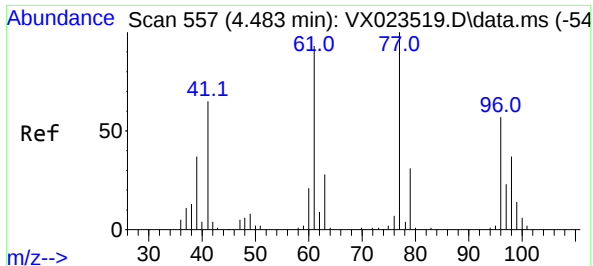
MMDadoda  
8/6/2021 5:39:16 PM



#30  
2-Butanone  
Concen: 103.759 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 224513 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 57       | 8.3   | 6.6   | 9.8    |
| 72       | 25.9  | 21.0  | 31.4   |





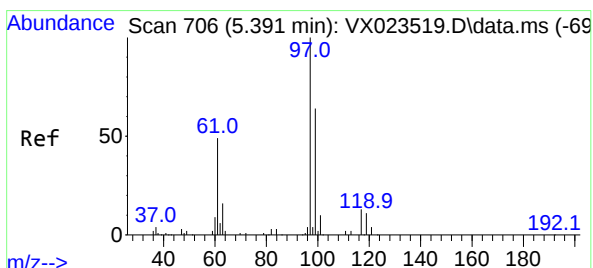
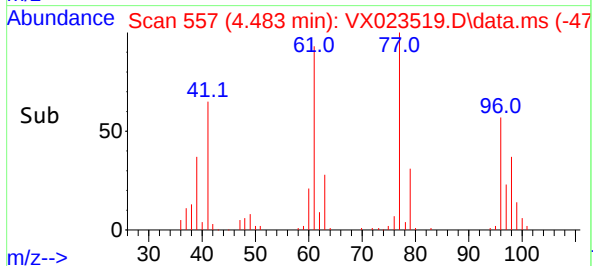
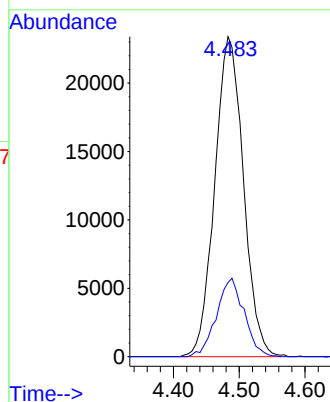
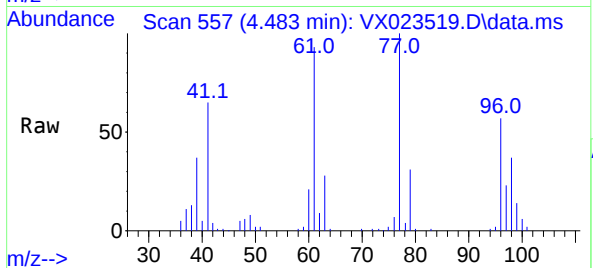
#31  
2,2-Dichloropropane  
Concen: 19.907 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 77 Resp: 70955  
Ion Ratio Lower Upper  
77 100  
97 23.7 19.8 29.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

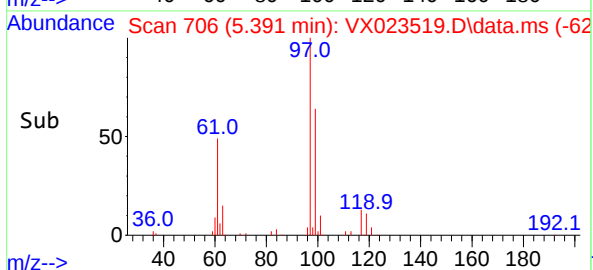
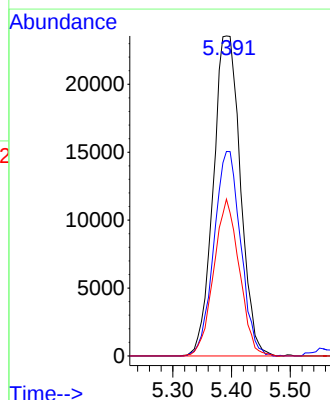
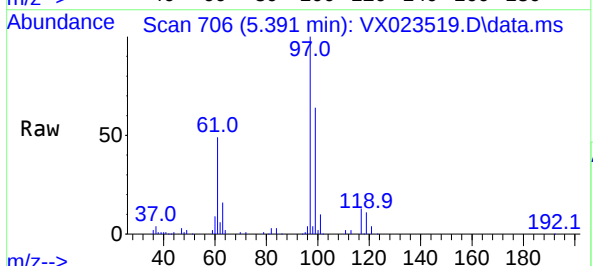
Manual Integrations  
APPROVED

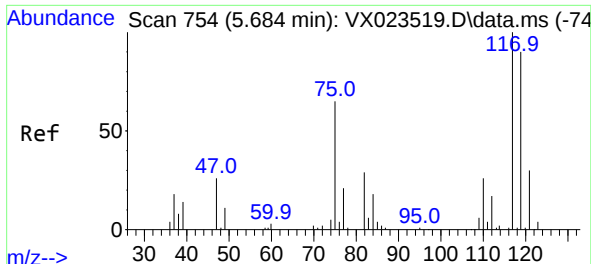
MMDadoda  
8/6/2021 5:39:16 PM



#32  
1,1,1-Trichloroethane  
Concen: 19.553 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 97 Resp: 75544  
Ion Ratio Lower Upper  
97 100  
99 63.0 50.4 75.6  
61 46.2 36.4 54.6





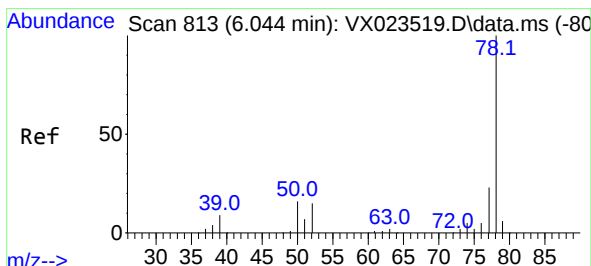
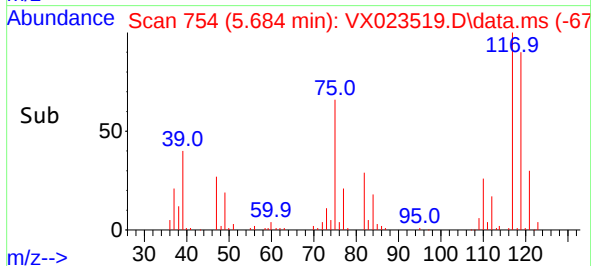
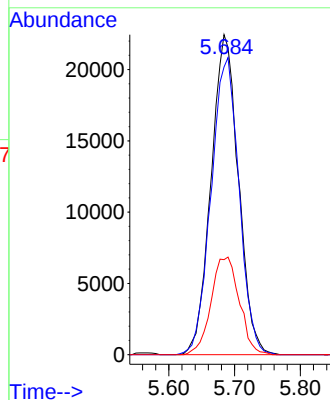
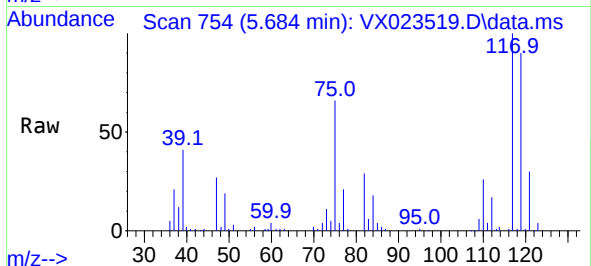
#33  
Carbon Tetrachloride  
Concen: 19.349 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 117 Resp: 65019  
Ion Ratio Lower Upper  
117 100  
119 89.9 75.4 113.2  
121 29.7 24.1 36.1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

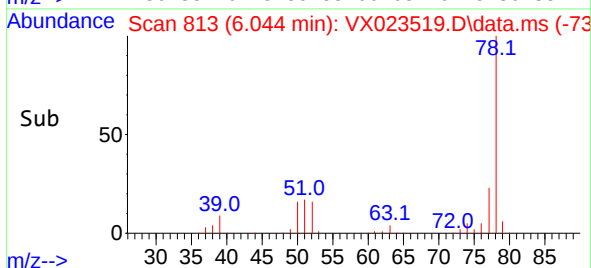
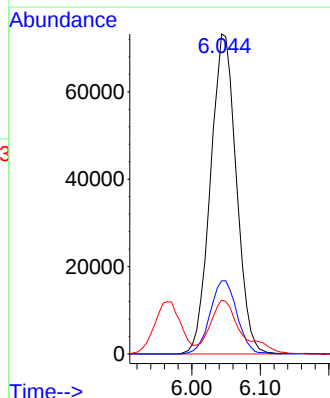
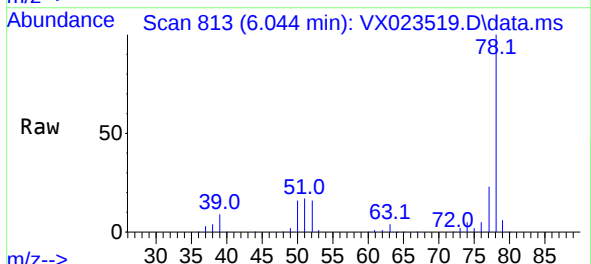
Manual Integrations  
APPROVED

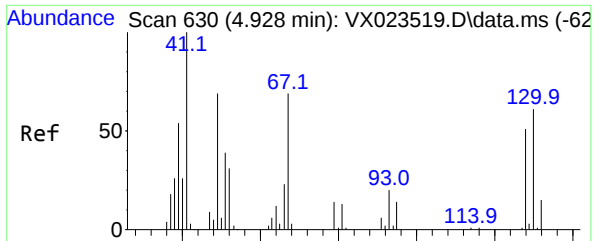
MMDadoda  
8/6/2021 5:39:16 PM



#34  
Benzene  
Concen: 19.717 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 78 Resp: 191461  
Ion Ratio Lower Upper  
78 100  
77 22.9 19.3 28.9  
51 16.2 12.2 18.4





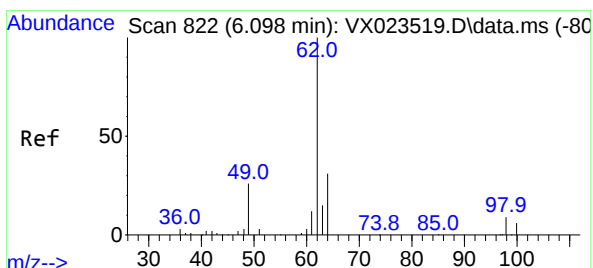
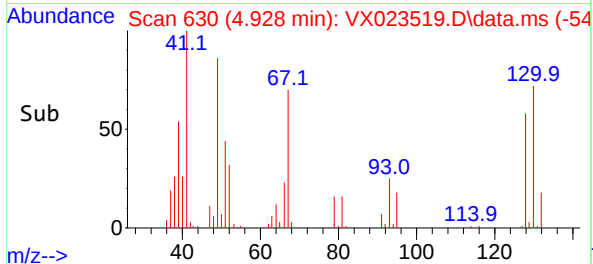
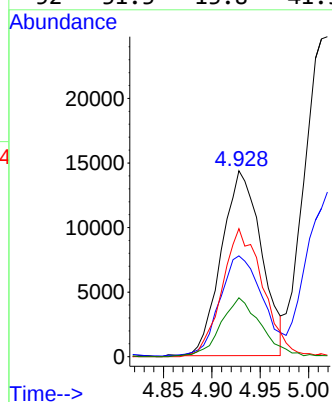
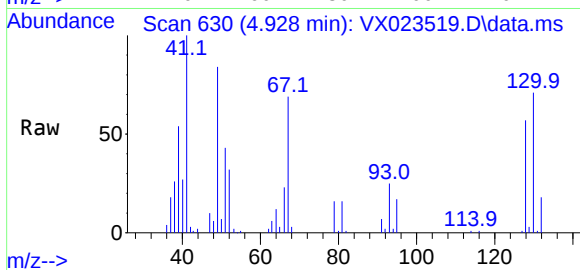
#35  
Methacrylonitrile  
Concen: 19.128 ug/l  
RT: 4.928 min Scan# 630  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 41261 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.5  | 27.4  | 82.2  |
| 67       | 69.3  | 34.6  | 103.9 |
| 52       | 31.3  | 13.8  | 41.3  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

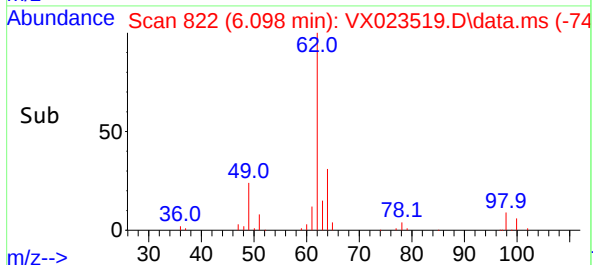
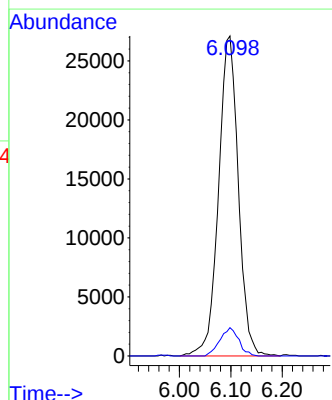
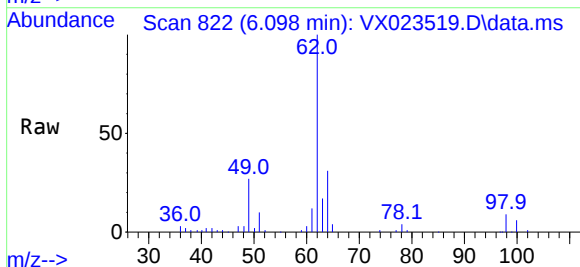
Manual Integrations  
APPROVED

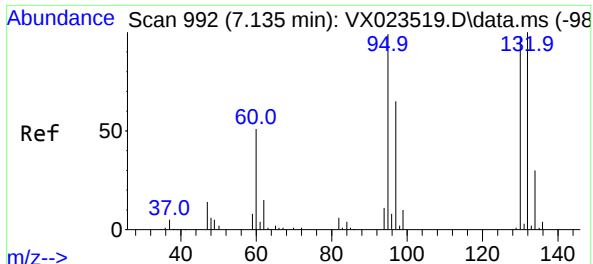
MMDadoda  
8/6/2021 5:39:16 PM



#36  
1,2-Dichloroethane  
Concen: 19.706 ug/l  
RT: 6.098 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 72505 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.4   | 7.0   | 10.4  |





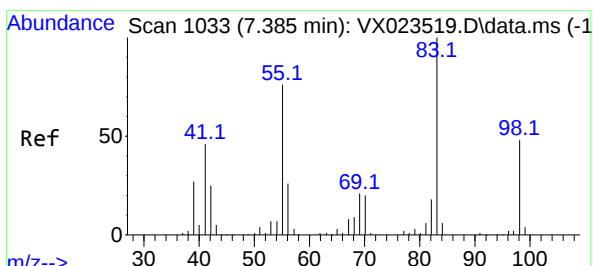
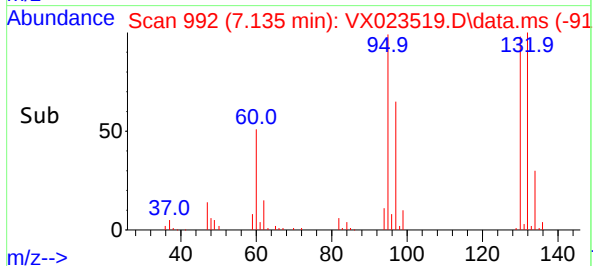
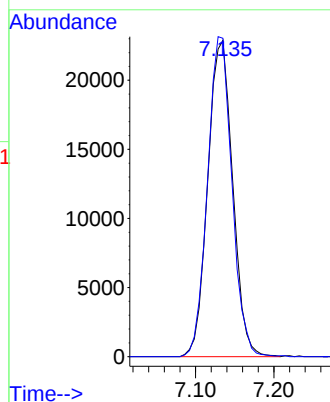
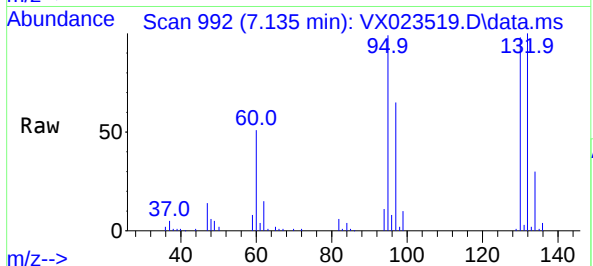
#37  
Trichloroethene  
Concen: 19.267 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 130 Resp: 50557  
Ion Ratio Lower Upper  
130 100  
95 100.7 77.0 115.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

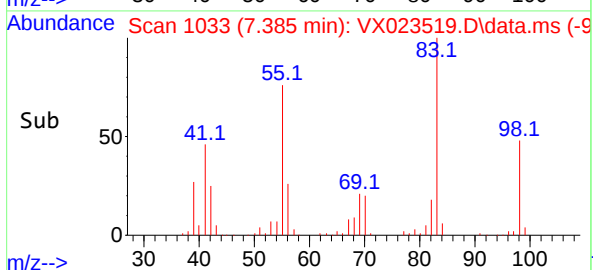
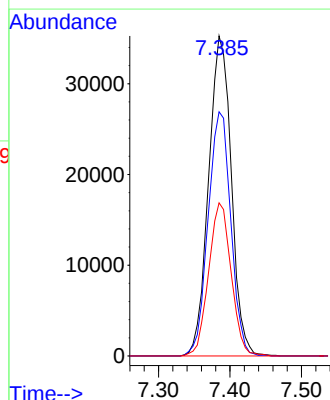
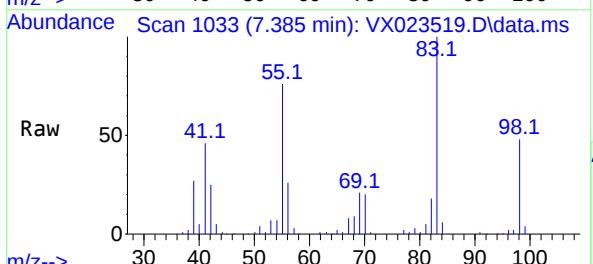
Manual Integrations  
APPROVED

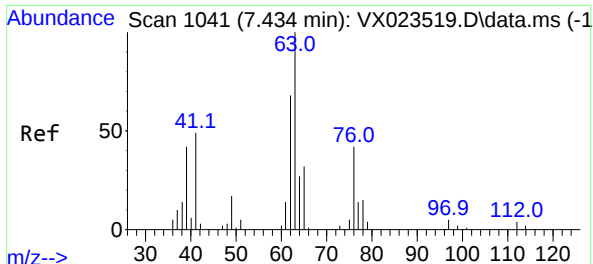
MMDadoda  
8/6/2021 5:39:16 PM



#38  
Methylcyclohexane  
Concen: 18.899 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 83 Resp: 77781  
Ion Ratio Lower Upper  
83 100  
55 76.3 37.8 113.4  
98 47.5 23.4 70.3





#39

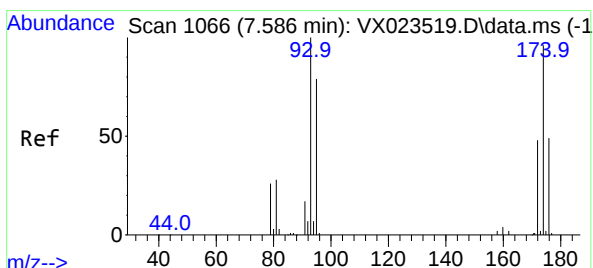
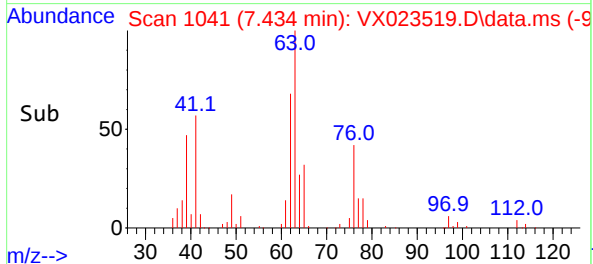
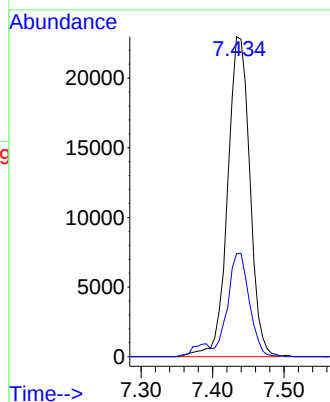
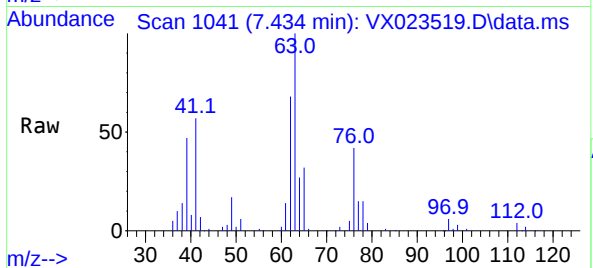
1,2-Dichloropropane  
Concen: 19.537 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 63 Resp: 49626  
Ion Ratio Lower Upper  
63 100  
65 31.9 23.4 35.0

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDICCC020

Manual Integrations  
APPROVED

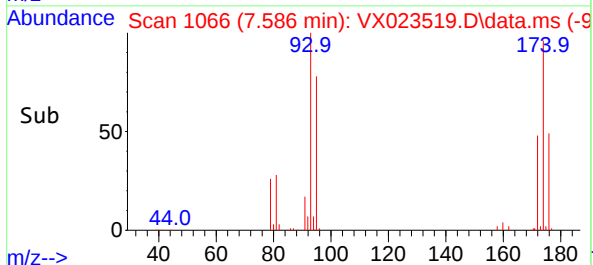
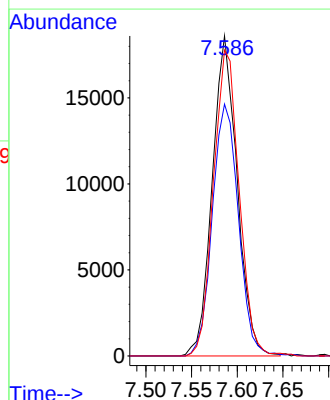
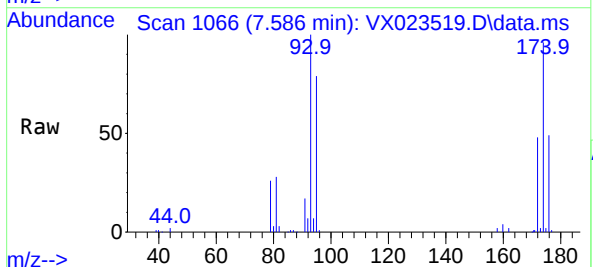
MMDadoda  
8/6/2021 5:39:16 PM

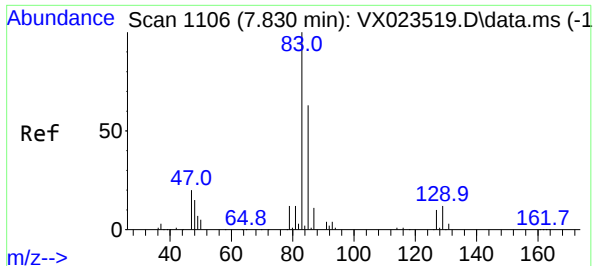


#40

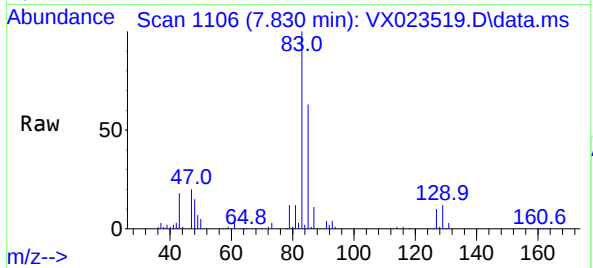
Dibromomethane  
Concen: 19.912 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 93 Resp: 35240  
Ion Ratio Lower Upper  
93 100  
95 82.6 0.0 168.4  
174 98.1 0.0 206.6

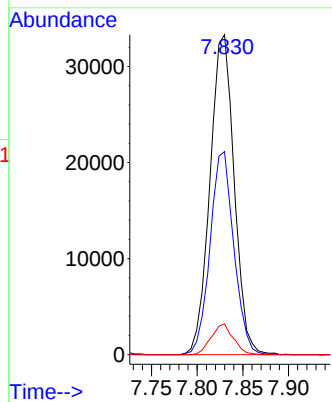
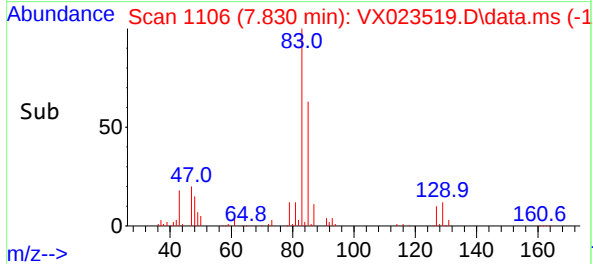




#41  
Bromodichloromethane  
Concen: 19.168 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



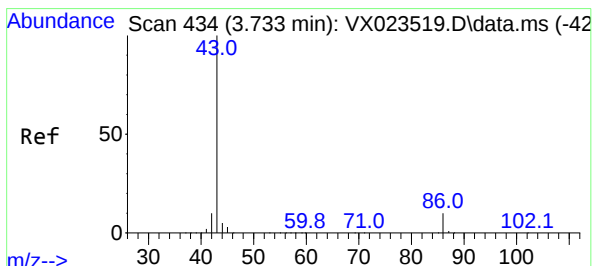
Tgt Ion: 83 Resp: 61425  
Ion Ratio Lower Upper  
83 100  
85 63.5 51.7 77.5  
127 9.7 7.4 11.0



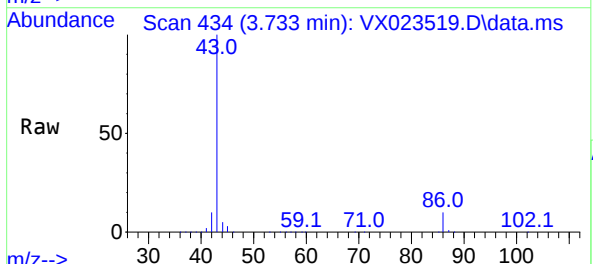
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Manual Integrations  
APPROVED

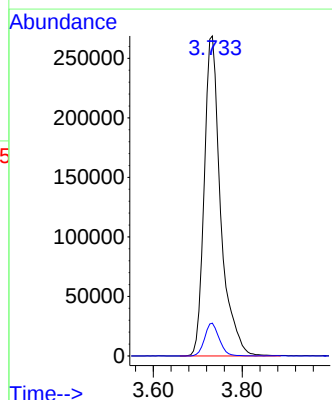
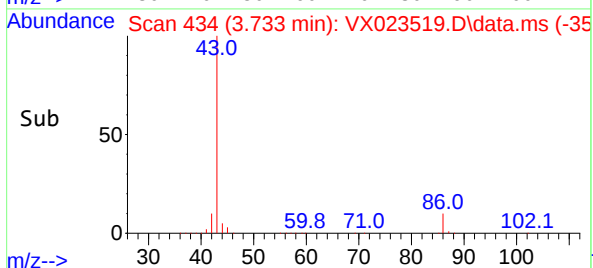
MMDadoda  
8/6/2021 5:39:16 PM

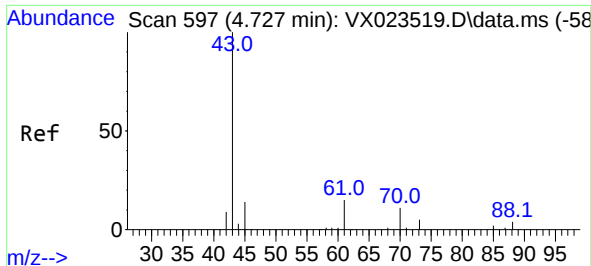


#42  
Vinyl Acetate  
Concen: 98.331 ug/l  
RT: 3.733 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



Tgt Ion: 43 Resp: 691967  
Ion Ratio Lower Upper  
43 100  
86 9.1 7.2 10.8





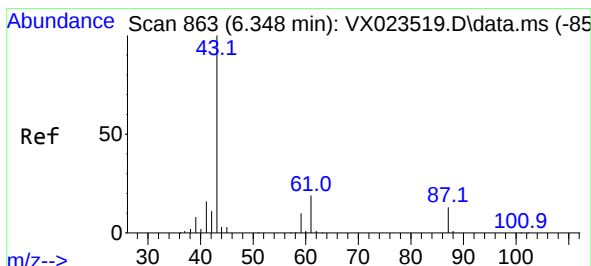
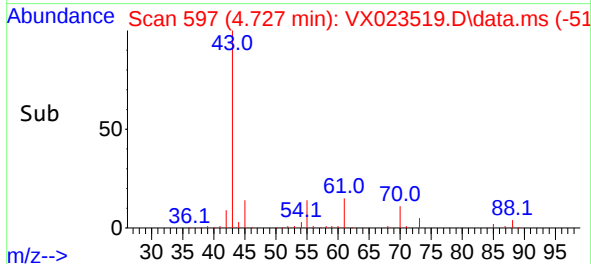
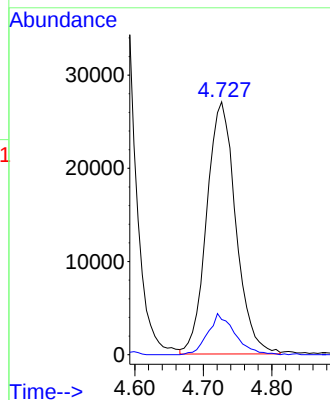
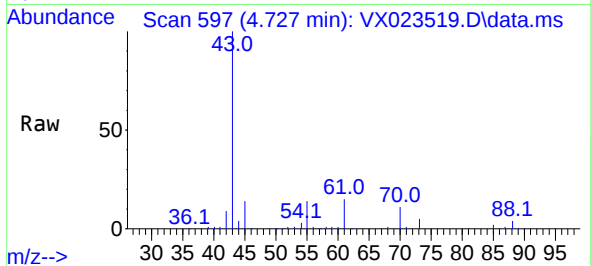
#43  
Ethyl Acetate  
Concen: 19.603 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 43 Resp: 79850  
Ion Ratio Lower Upper  
43 100  
45 15.1 12.1 18.1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

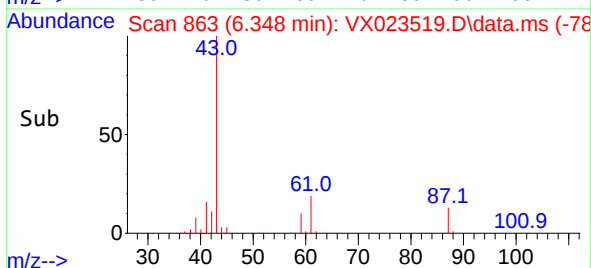
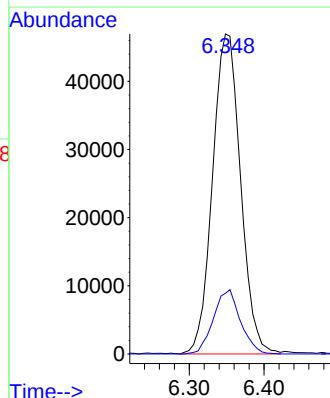
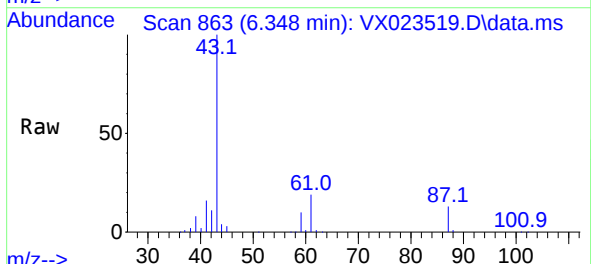
Manual Integrations  
APPROVED

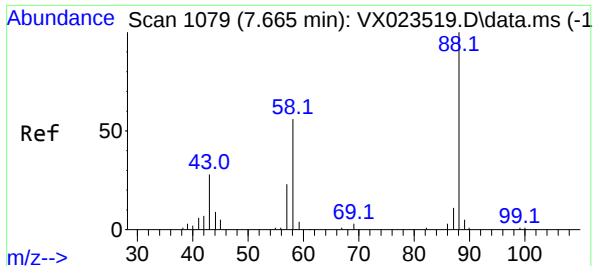
MMDadoda  
8/6/2021 5:39:16 PM



#44  
Isopropyl Acetate  
Concen: 19.067 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 43 Resp: 122515  
Ion Ratio Lower Upper  
43 100  
61 19.3 15.4 23.2





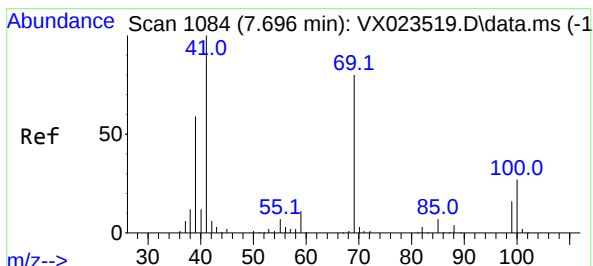
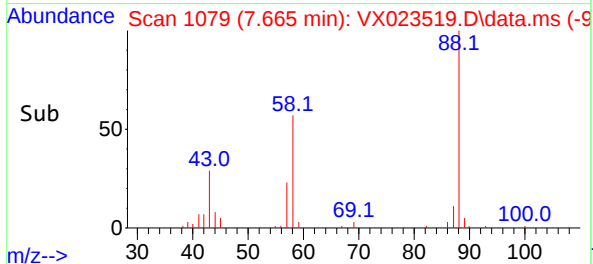
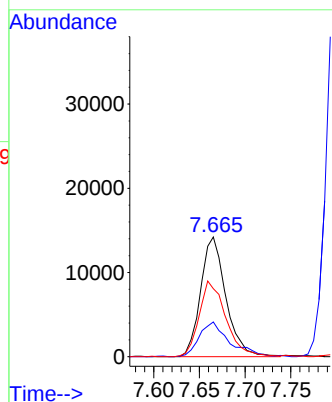
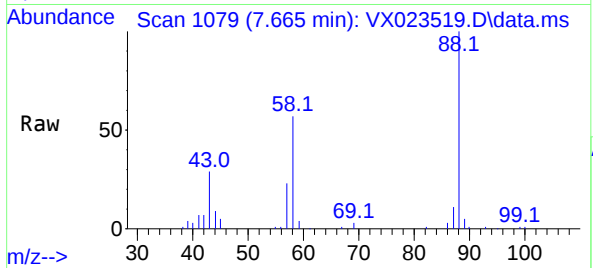
#45  
1,4-Dioxane  
Concen: 413.384 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 27303 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 31.0  | 25.3  | 37.9  |
| 58       | 66.9  | 53.1  | 79.7  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

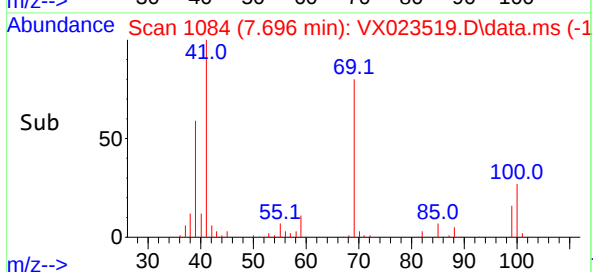
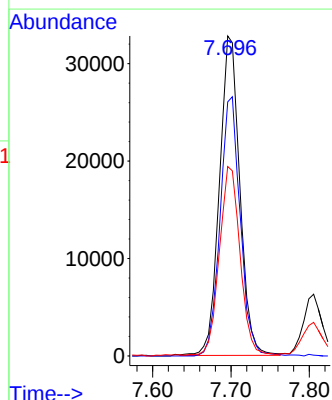
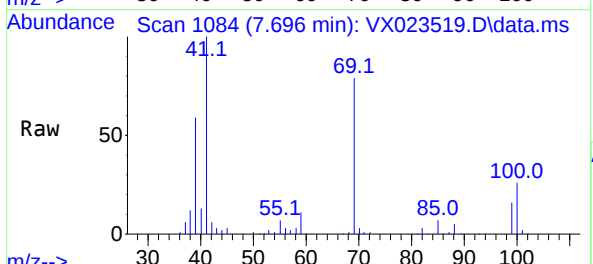
Manual Integrations  
APPROVED

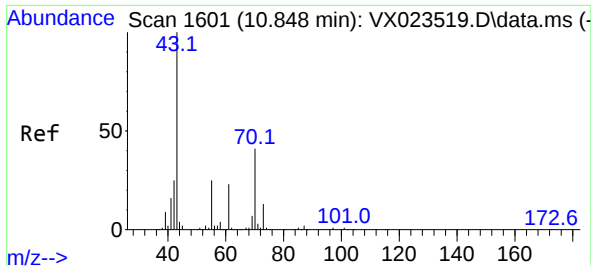
MMDadoda  
8/6/2021 5:39:16 PM



#46  
Methyl methacrylate  
Concen: 19.148 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 59279 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 79.7  | 39.5  | 118.5 |
| 39       | 59.0  | 29.0  | 87.1  |





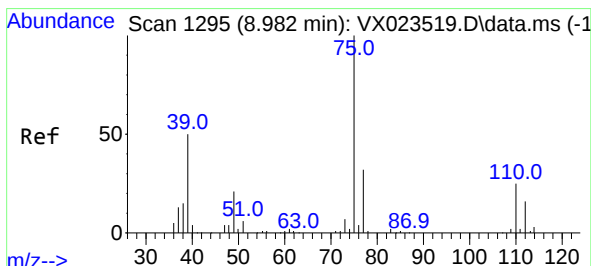
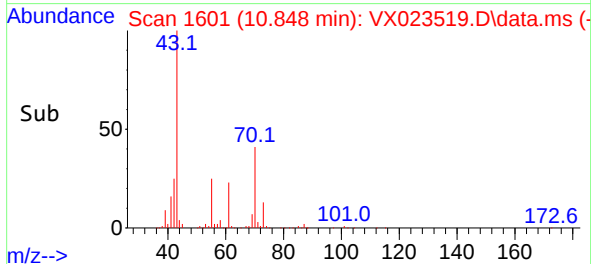
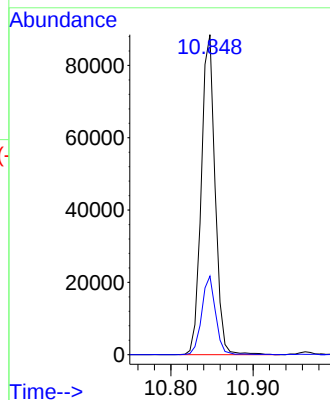
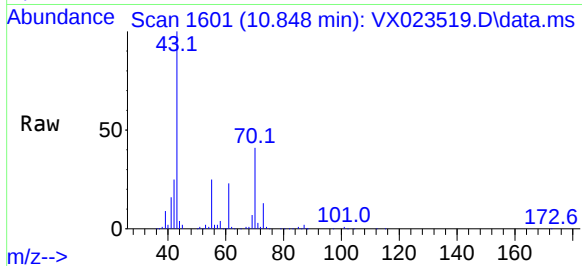
#47  
n-amy1 Acetate  
Concen: 19.107 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 43 Resp: 103133  
Ion Ratio Lower Upper  
43 100  
55 24.4 18.9 28.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

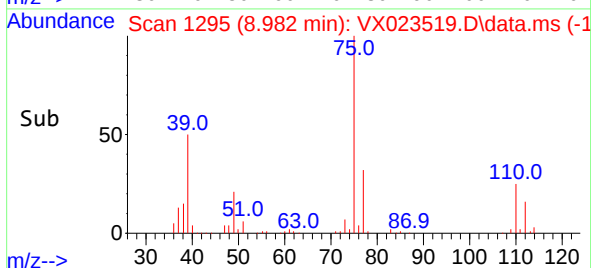
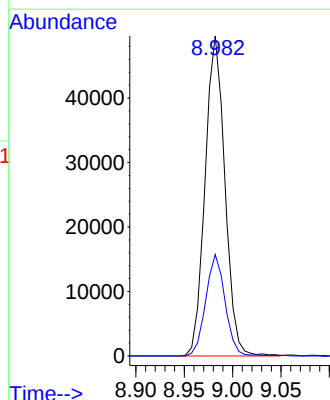
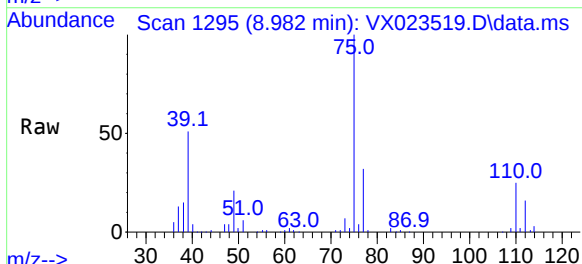
Manual Integrations  
APPROVED

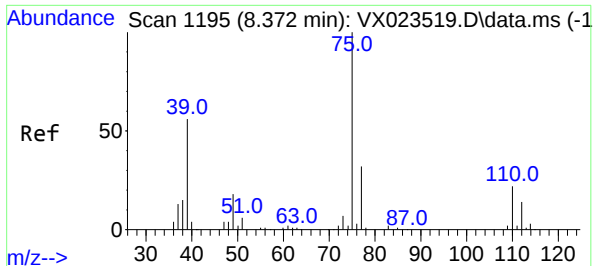
MMDadoda  
8/6/2021 5:39:16 PM



#48  
t-1,3-Dichloropropene  
Concen: 18.954 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 75 Resp: 70941  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.8 38.8





#49

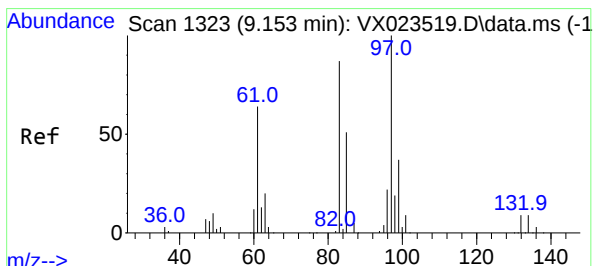
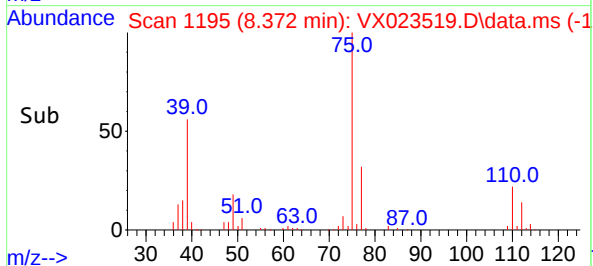
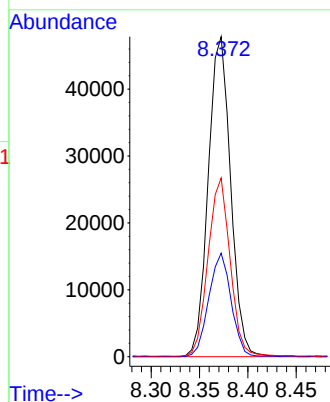
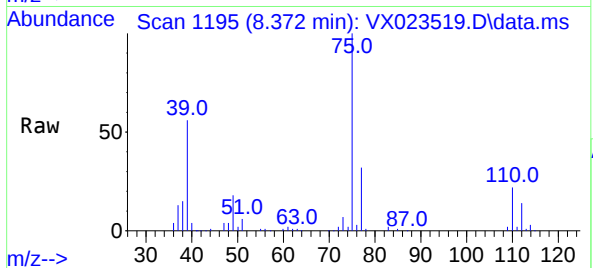
cis-1,3-Dichloropropene  
Concen: 19.245 ug/l  
RT: 8.372 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 77024 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.4  | 23.6  | 35.4  |
| 39       | 55.6  | 44.0  | 66.0  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Manual Integrations  
APPROVED

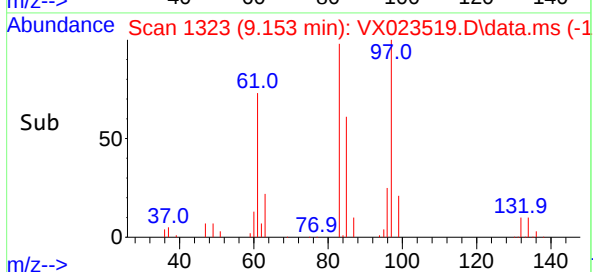
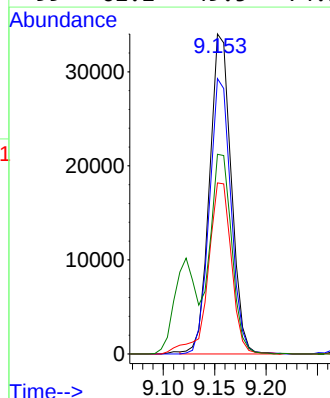
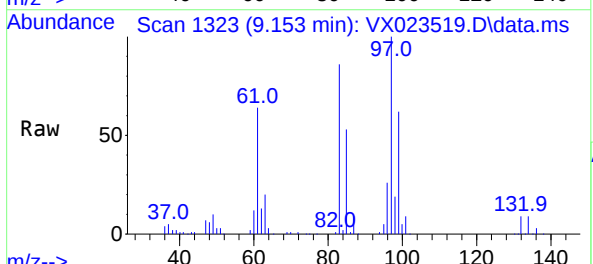
MMDadoda  
8/6/2021 5:39:16 PM

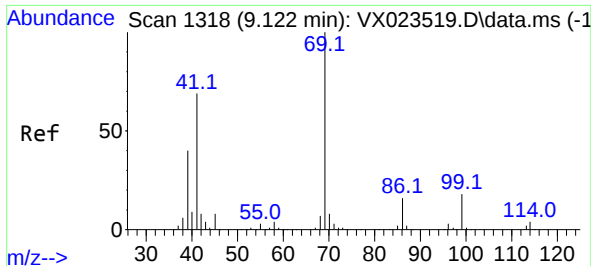


#50

1,1,2-Trichloroethane  
Concen: 19.454 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 50100 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.1  | 64.2  | 96.4  |
| 85       | 53.5  | 42.4  | 63.6  |
| 99       | 62.2  | 49.5  | 74.3  |





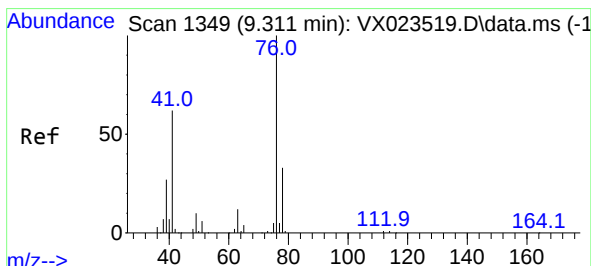
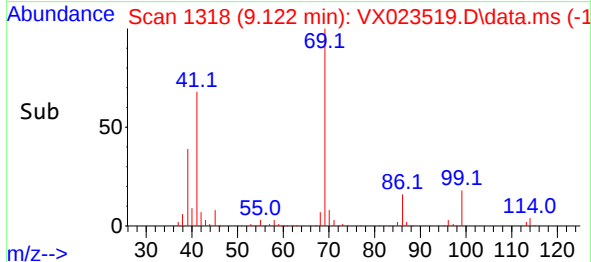
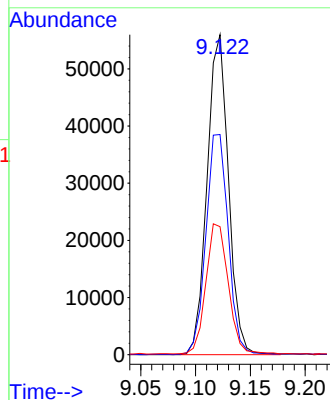
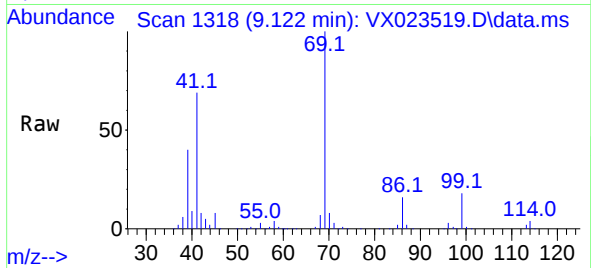
#51  
Ethyl methacrylate  
Concen: 18.380 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 69 Resp: 75937  
Ion Ratio Lower Upper  
69 100  
41 68.6 35.8 107.3  
39 39.7 20.3 60.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

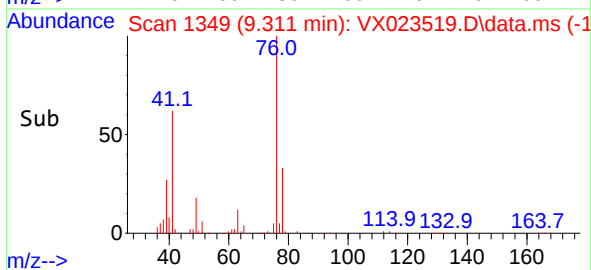
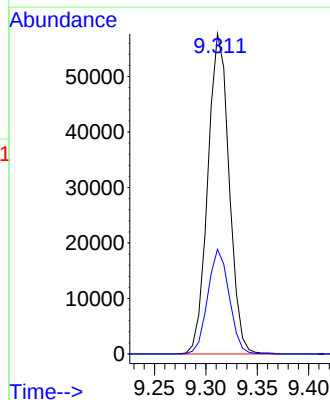
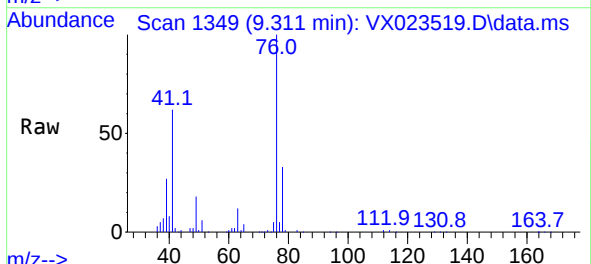
Manual Integrations  
APPROVED

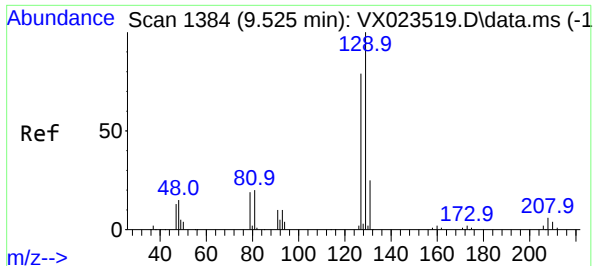
MMDadoda  
8/6/2021 5:39:16 PM



#52  
1,3-Dichloropropane  
Concen: 19.508 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 76 Resp: 83275  
Ion Ratio Lower Upper  
76 100  
78 32.8 0.0 64.0





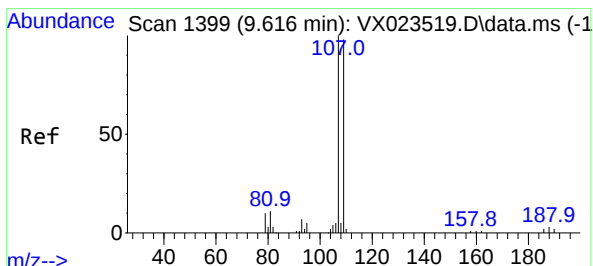
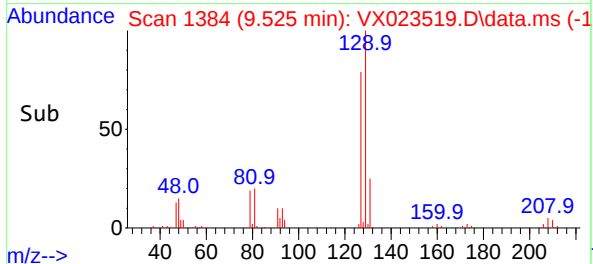
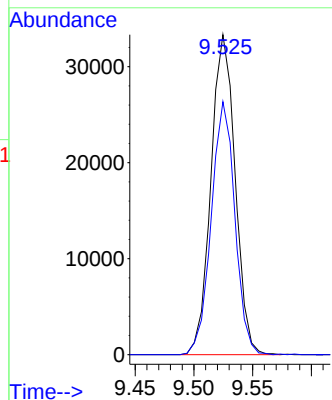
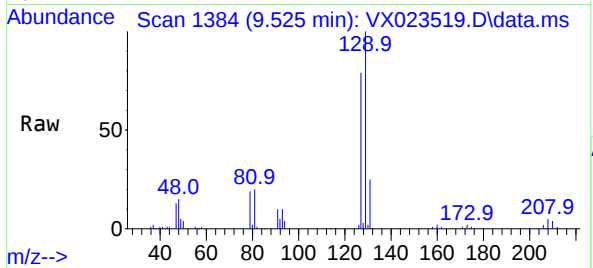
#53  
Dibromochloromethane  
Concen: 18.858 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion:129 Resp: 47765  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.3 117.9

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

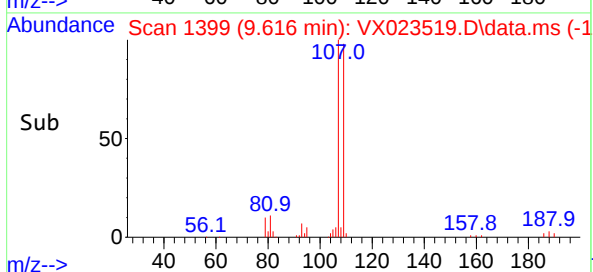
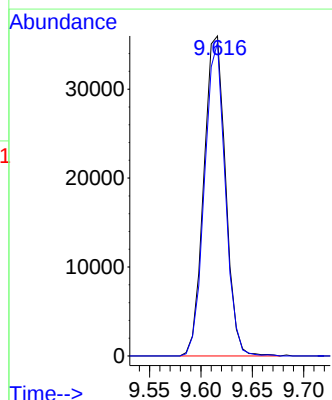
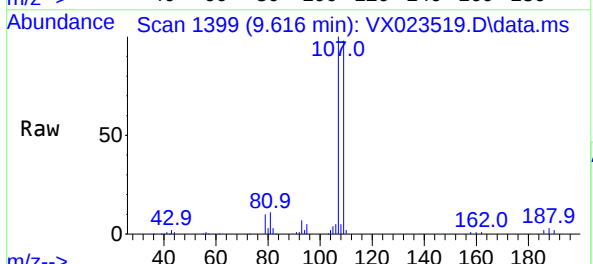
Manual Integrations  
APPROVED

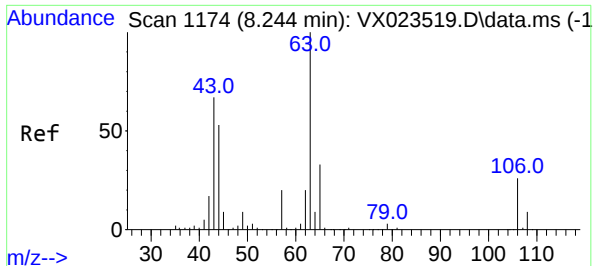
MMDadoda  
8/6/2021 5:39:16 PM



#54  
1,2-Dibromoethane  
Concen: 19.358 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion:107 Resp: 53028  
Ion Ratio Lower Upper  
107 100  
109 93.4 75.3 112.9





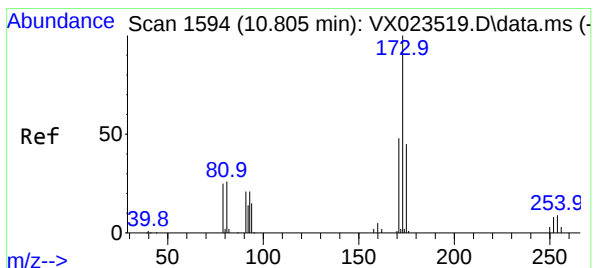
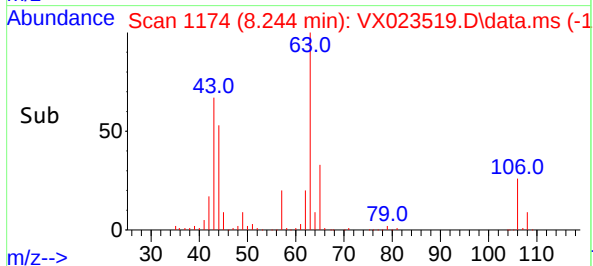
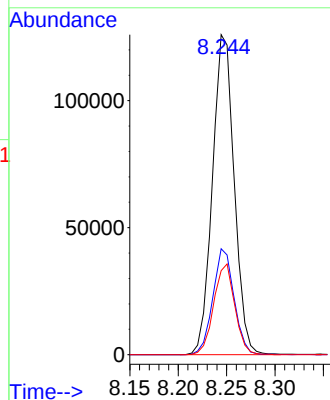
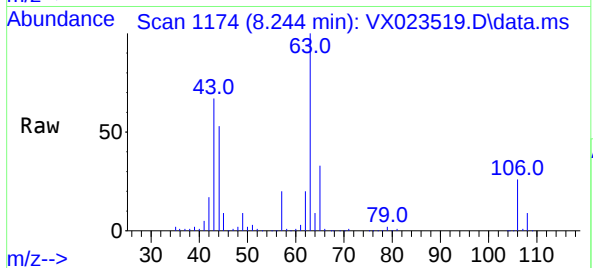
#55  
2-Chloroethyl vinyl ether  
Concen: 96.341 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 63 Resp: 197148  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.8 38.6  
106 27.4 21.8 32.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

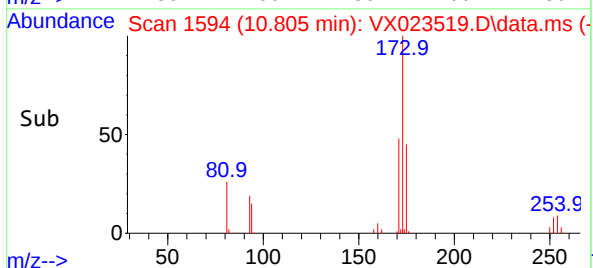
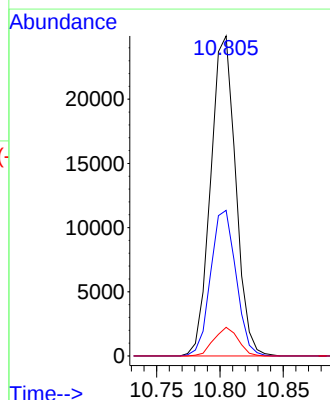
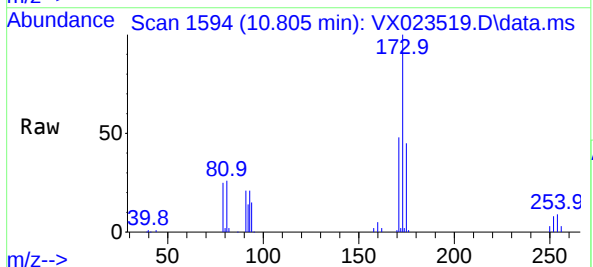
Manual Integrations  
APPROVED

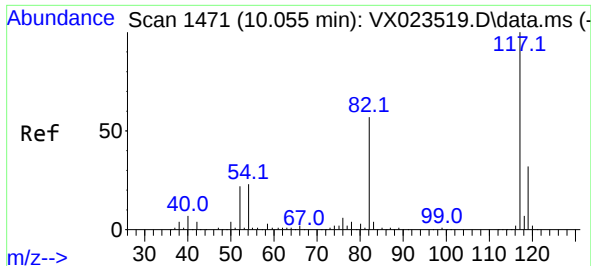
MMDadoda  
8/6/2021 5:39:16 PM



#56  
Bromoform  
Concen: 19.092 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

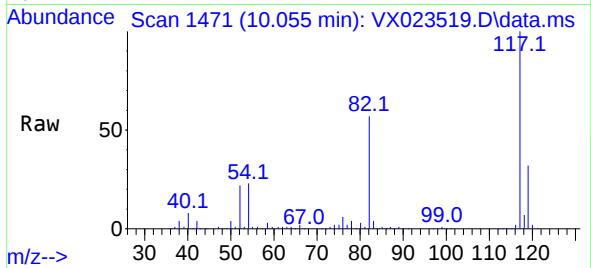
Tgt Ion: 173 Resp: 34320  
Ion Ratio Lower Upper  
173 100  
175 46.1 38.4 57.6  
254 8.7 7.3 10.9





#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

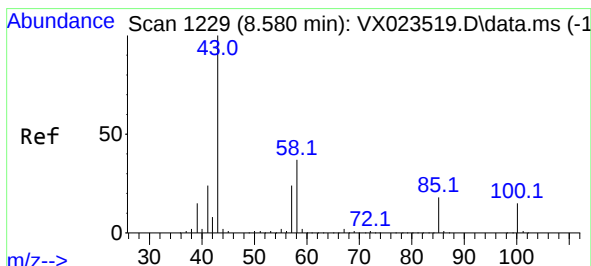
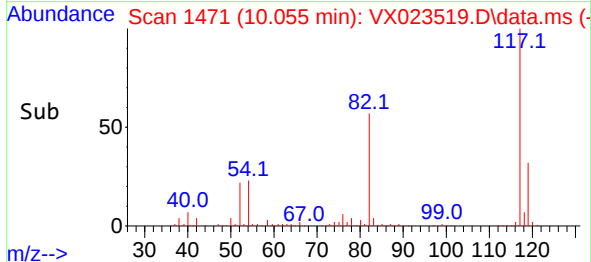
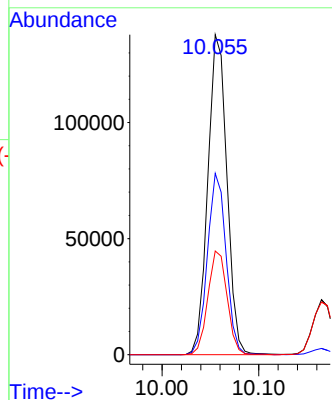
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



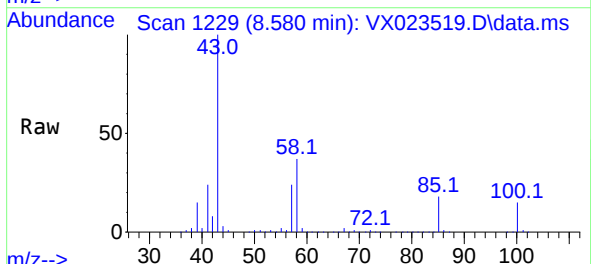
Tgt Ion: 117 Resp: 189340  
Ion Ratio Lower Upper  
117 100  
82 55.3 45.0 67.4  
119 32.6 26.2 39.2

Manual Integrations  
APPROVED

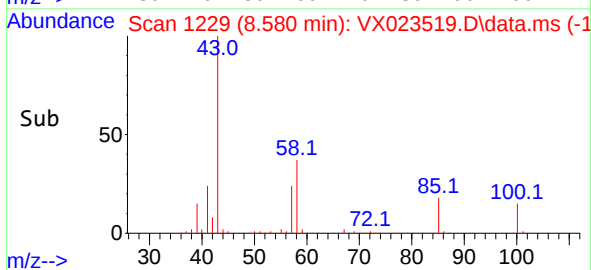
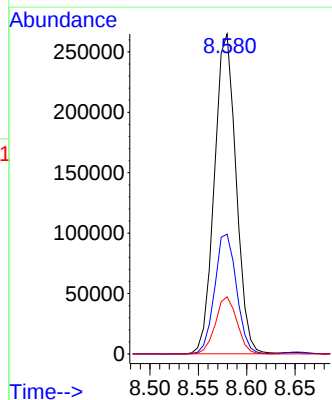
MMDadoda  
8/6/2021 5:39:16 PM

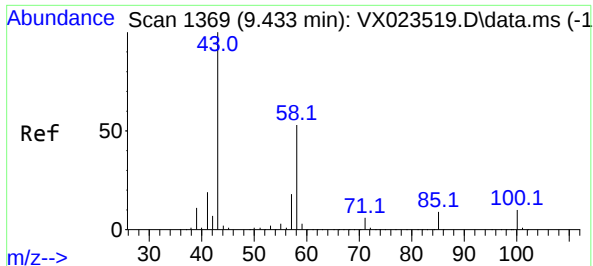


#58  
4-Methyl-2-Pentanone  
Concen: 102.070 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



Tgt Ion: 43 Resp: 412676  
Ion Ratio Lower Upper  
43 100  
58 37.9 30.5 45.7  
85 17.8 14.0 21.0





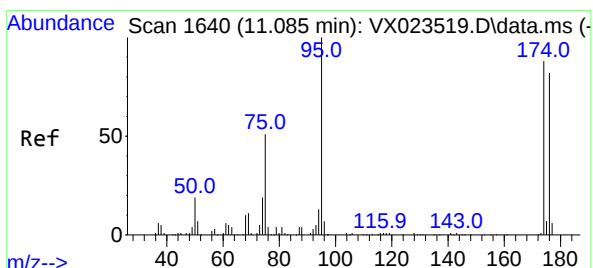
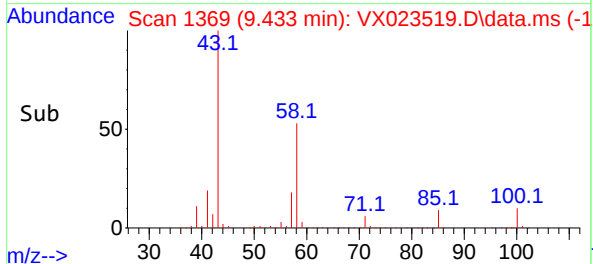
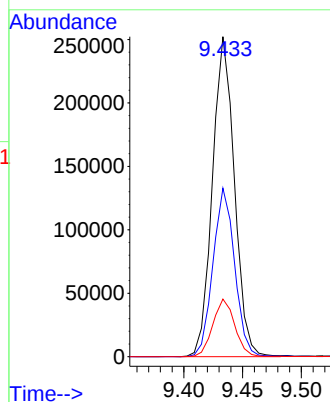
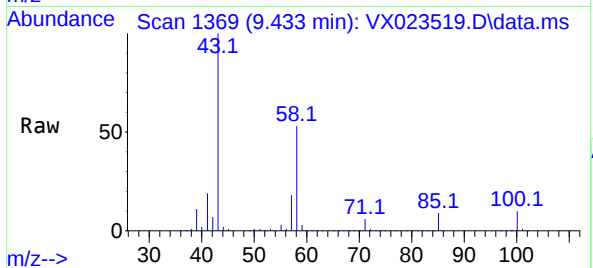
#59  
2-Hexanone  
Concen: 104.559 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 43 Resp: 327881  
Ion Ratio Lower Upper  
43 100  
58 52.1 42.1 63.1  
57 18.1 14.9 22.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

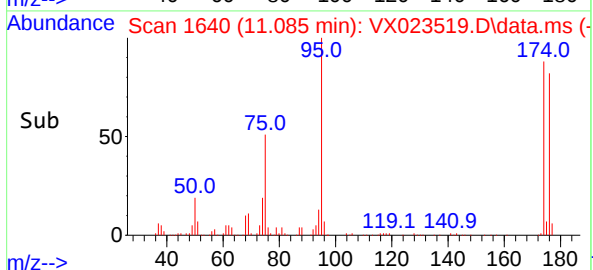
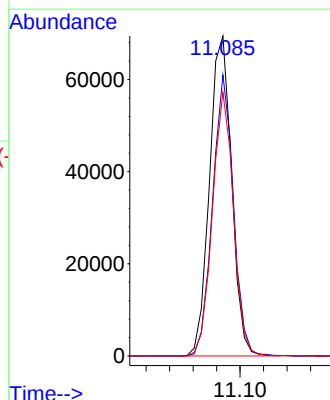
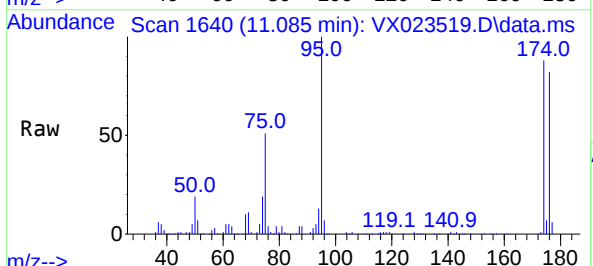
Manual Integrations  
APPROVED

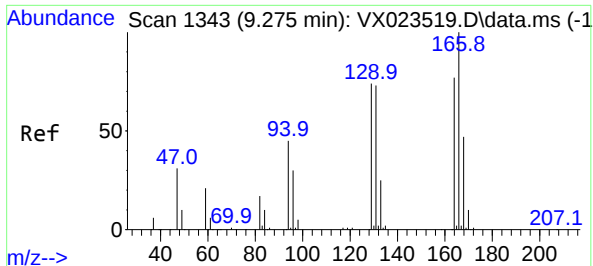
MMDadoda  
8/6/2021 5:39:16 PM



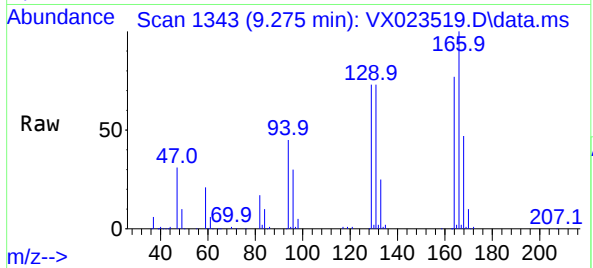
#60  
4-Bromofluorobenzene  
Concen: 29.675 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 95 Resp: 90767  
Ion Ratio Lower Upper  
95 100  
174 82.7 63.5 95.3  
176 78.3 63.0 94.4

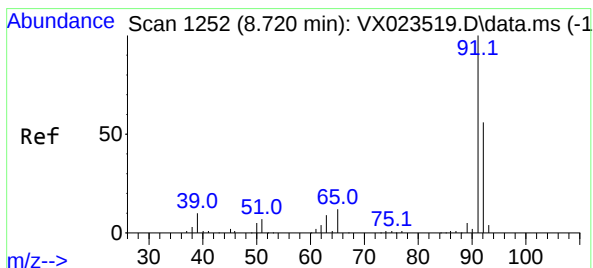
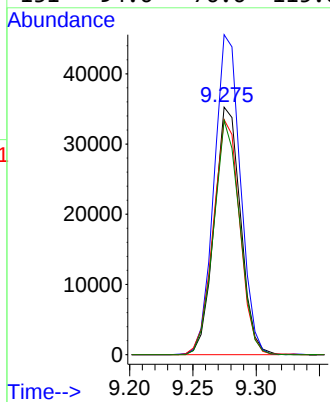
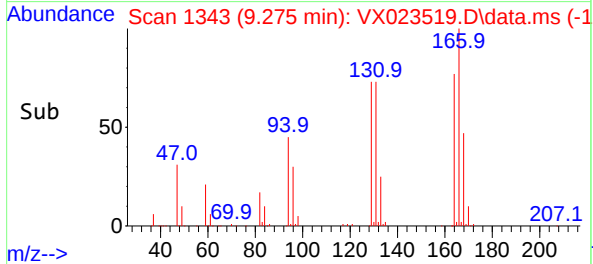




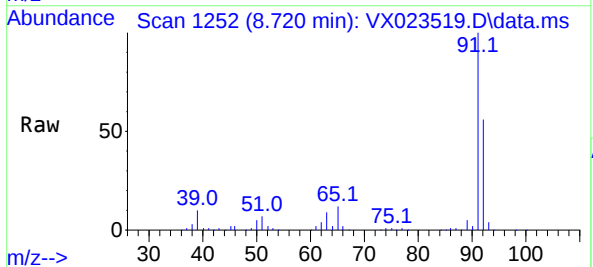
#61  
Tetrachloroethene  
Concen: 20.080 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



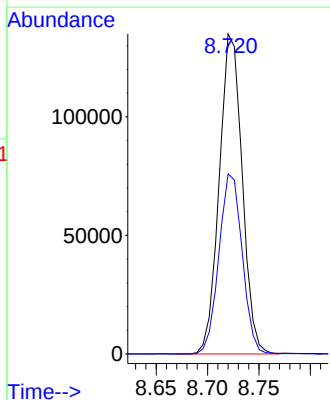
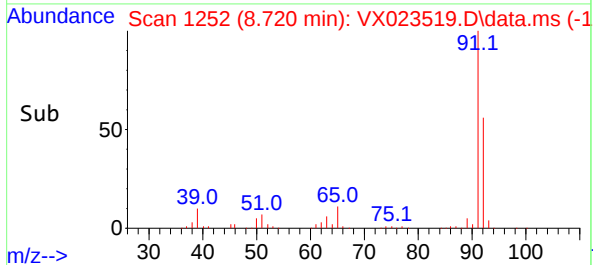
Tgt Ion:164 Resp: 50778  
Ion Ratio Lower Upper  
164 100  
166 129.1 98.6 147.8  
129 95.0 79.7 119.5  
131 94.6 76.6 115.0



#62  
Toluene  
Concen: 19.610 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



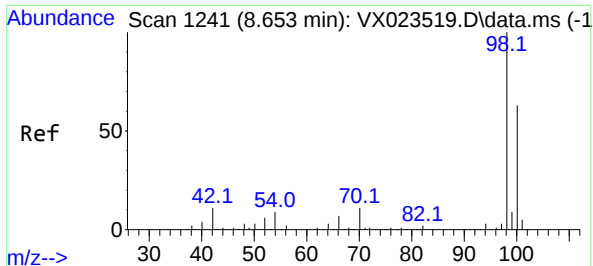
Tgt Ion: 91 Resp: 209377  
Ion Ratio Lower Upper  
91 100  
92 57.1 46.5 69.7



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Manual Integrations  
APPROVED

MMDadoda  
8/6/2021 5:39:16 PM



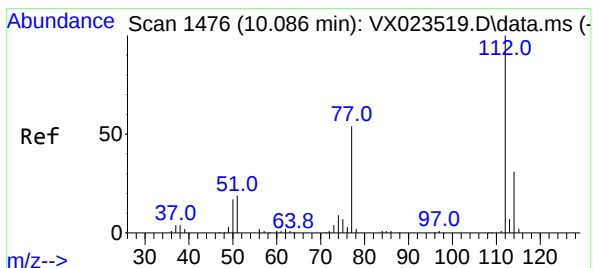
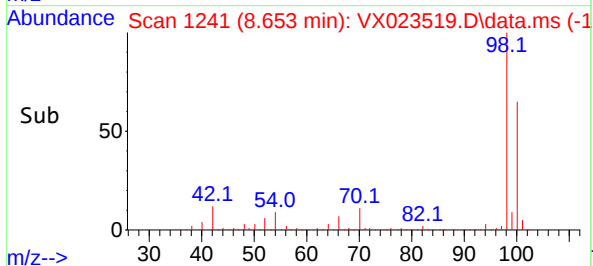
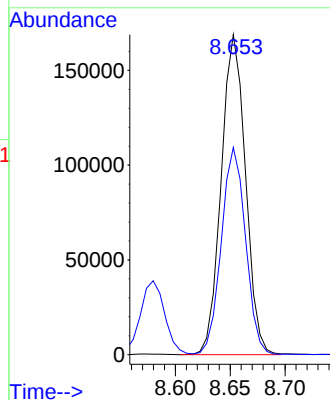
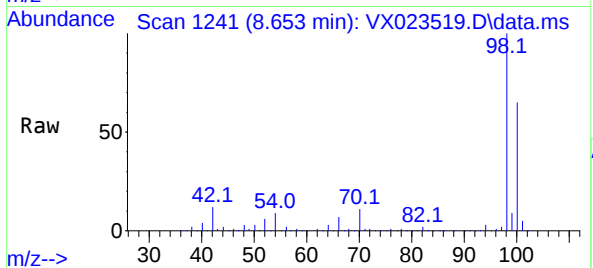
#63  
Toluene-d8  
Concen: 30.494 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 98 Resp: 260543  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.4 77.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

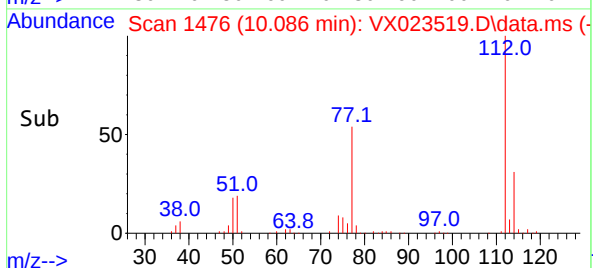
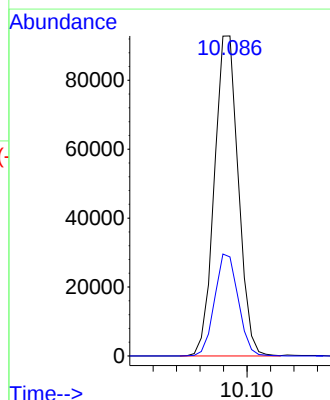
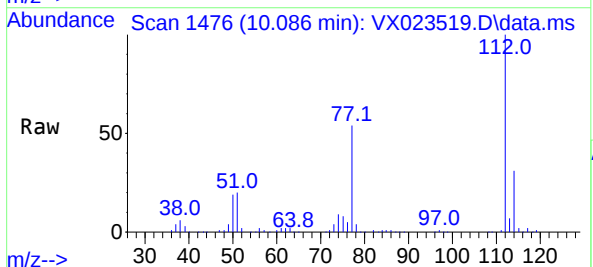
Manual Integrations  
APPROVED

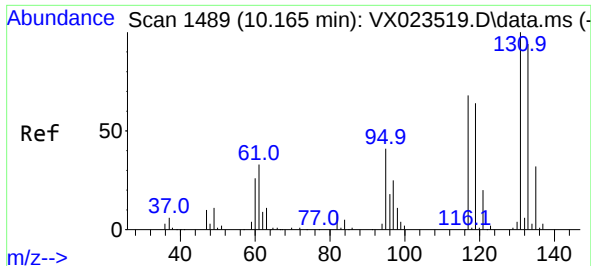
MMDadoda  
8/6/2021 5:39:16 PM



#64  
Chlorobenzene  
Concen: 19.730 ug/l  
RT: 10.086 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 112 Resp: 131433  
Ion Ratio Lower Upper  
112 100  
114 30.9 26.0 39.0





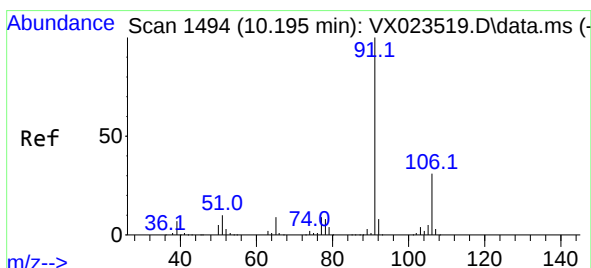
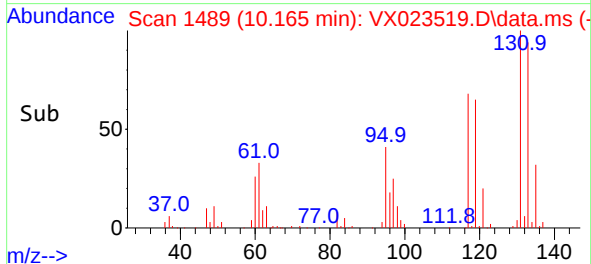
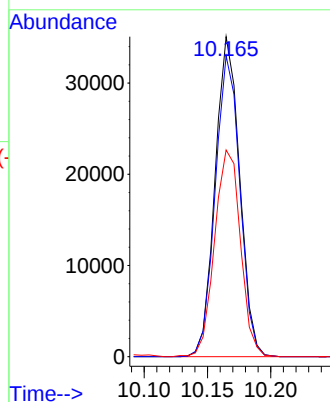
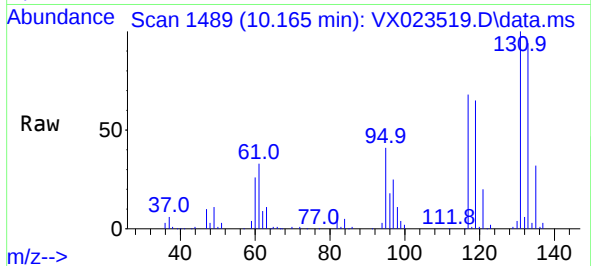
#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.767 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion:131 Resp: 47365  
Ion Ratio Lower Upper  
131 100  
133 94.2 0.0 191.2  
119 68.0 0.0 133.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

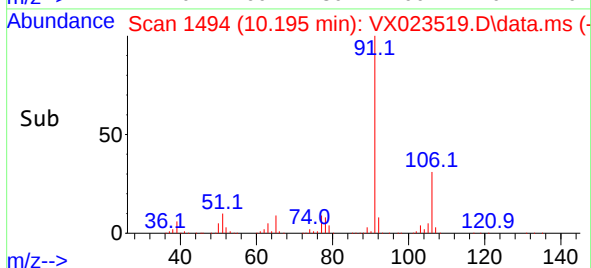
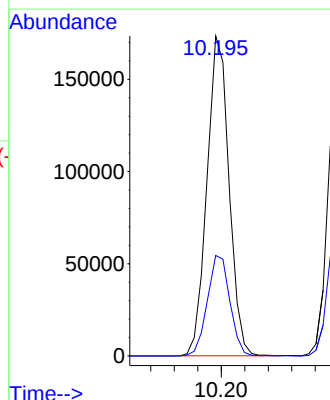
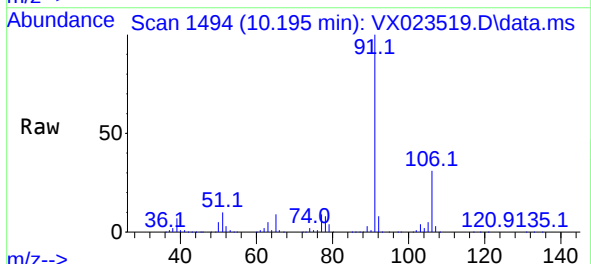
Manual Integrations  
APPROVED

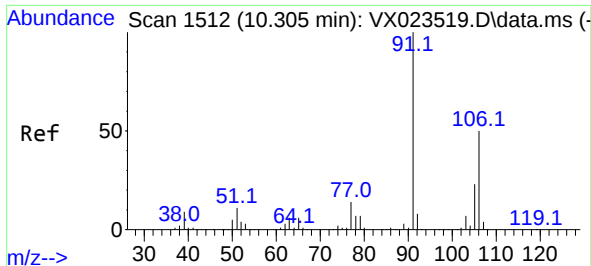
MMDadoda  
8/6/2021 5:39:16 PM



#66  
Ethyl Benzene  
Concen: 19.217 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 91 Resp: 226227  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.7 37.1





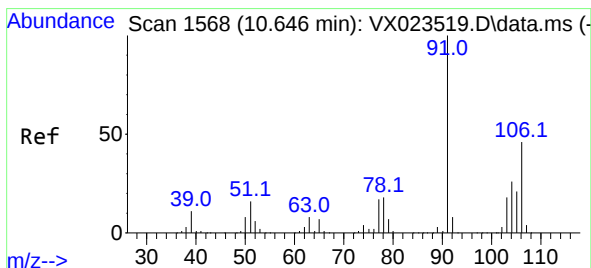
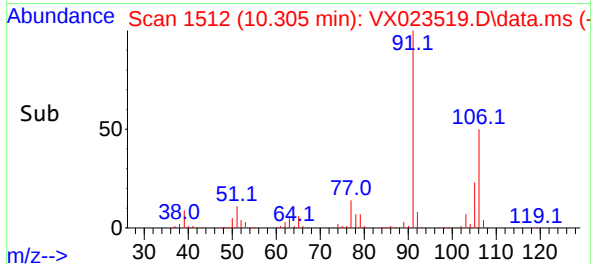
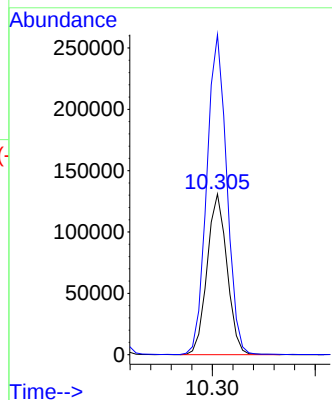
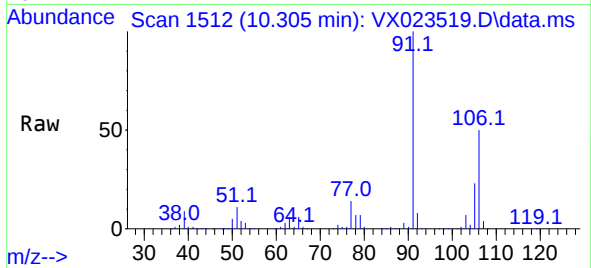
#67  
m/p-Xylenes  
Concen: 39.172 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion:106 Resp: 176416  
Ion Ratio Lower Upper  
106 100  
91 200.3 162.4 243.6

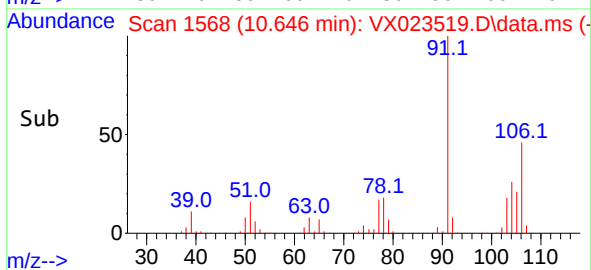
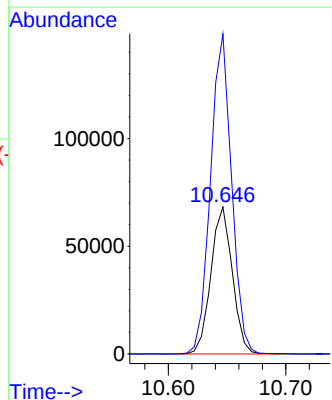
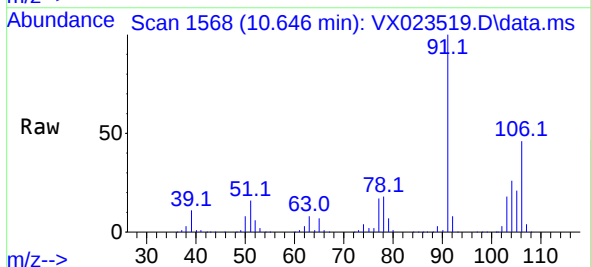
Manual Integrations  
APPROVED

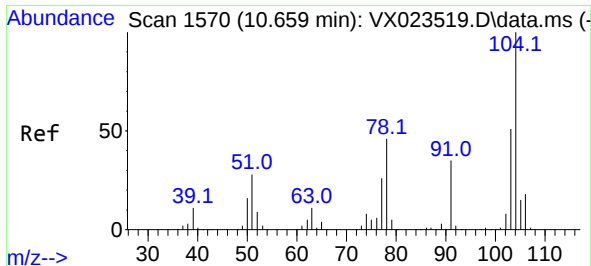
MMDadoda  
8/6/2021 5:39:16 PM



#68  
o-Xylene  
Concen: 19.329 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion:106 Resp: 86379  
Ion Ratio Lower Upper  
106 100  
91 214.2 107.3 321.8





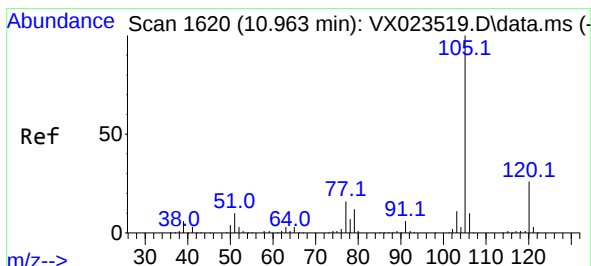
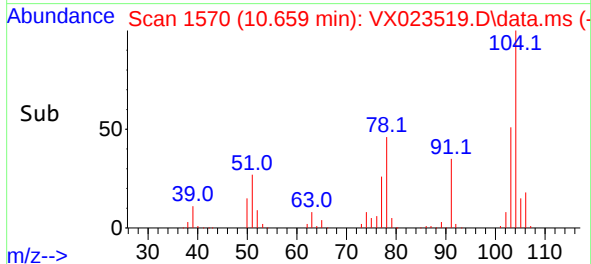
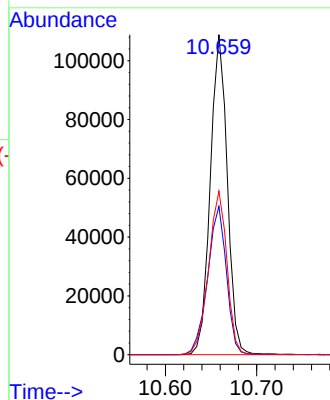
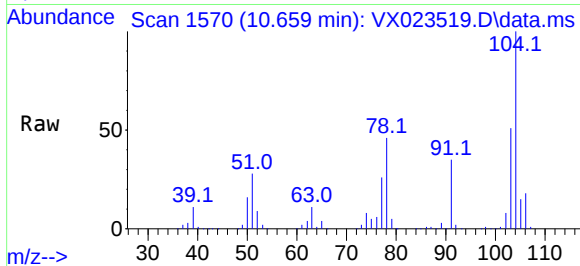
#69  
Styrene  
Concen: 19.371 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion:104 Resp: 140327  
Ion Ratio Lower Upper  
104 100  
78 51.3 41.4 62.0  
103 55.5 44.2 66.4

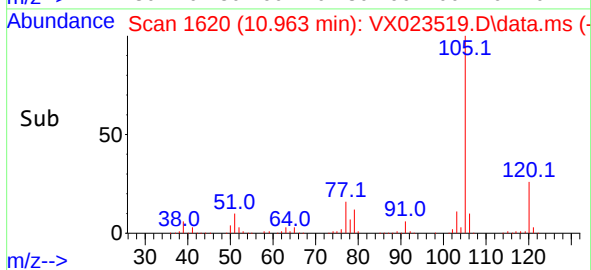
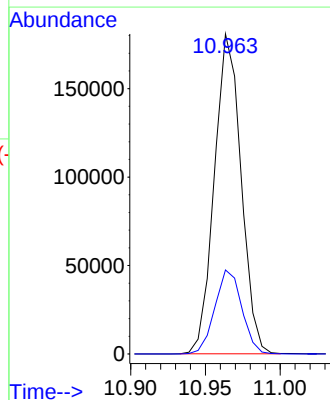
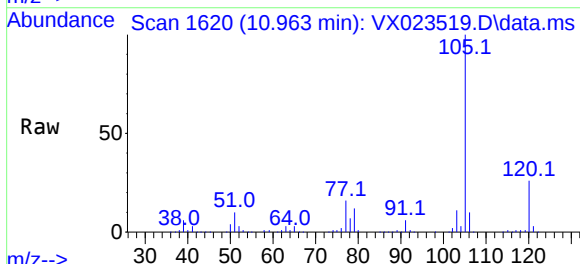
Manual Integrations  
APPROVED

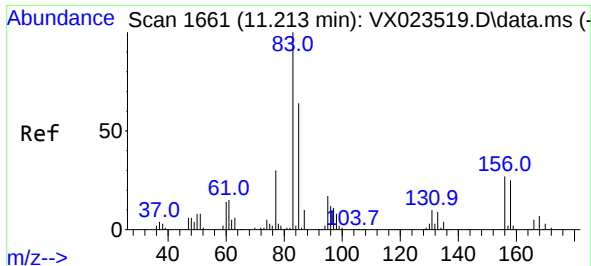
MMDadoda  
8/6/2021 5:39:16 PM



#70  
Isopropylbenzene  
Concen: 19.366 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion:105 Resp: 224716  
Ion Ratio Lower Upper  
105 100  
120 26.4 18.7 34.7





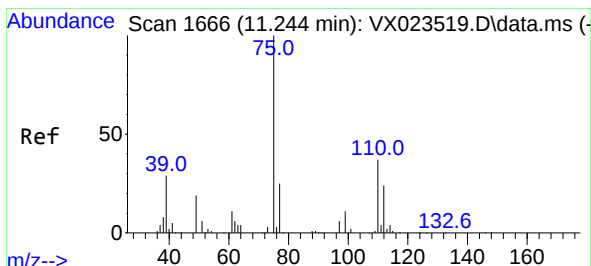
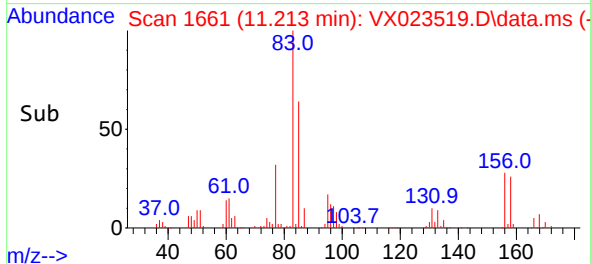
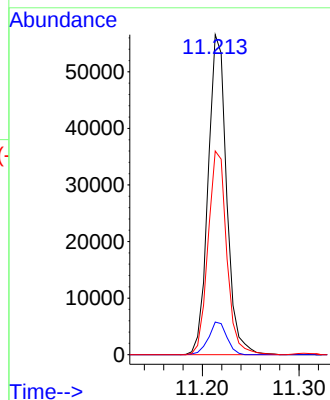
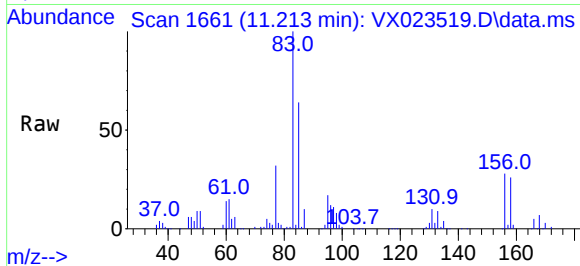
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.099 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX023519.D  
 Acq: 03 Aug 2021 10:25

Tgt Ion: 83 Resp: 75042  
 Ion Ratio Lower Upper  
 83 100  
 131 10.1 5.1 15.4  
 85 64.2 32.4 97.2

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC020

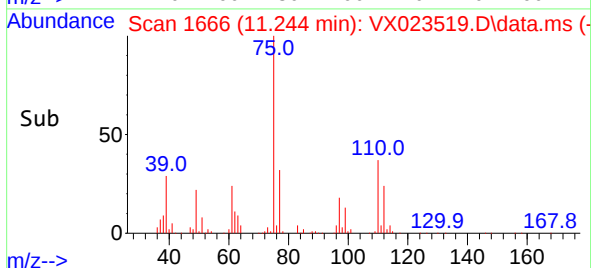
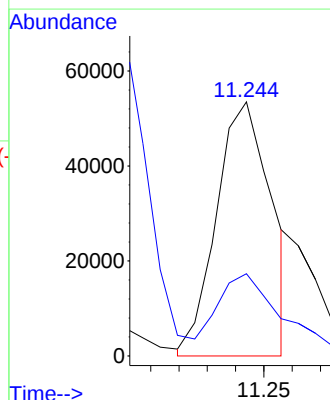
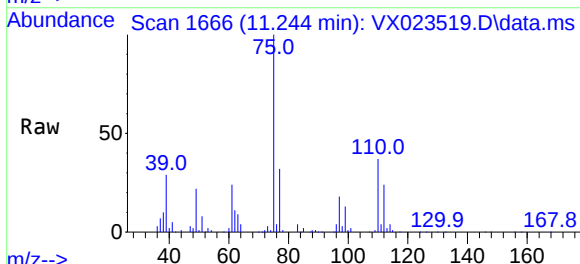
Manual Integrations  
 APPROVED

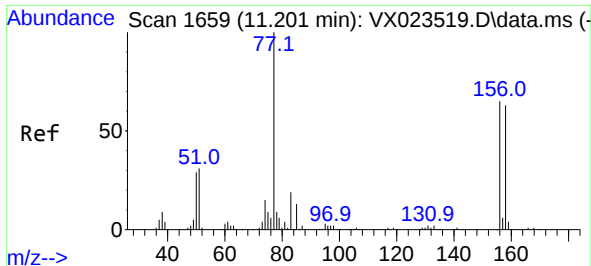
MMDadoda  
 8/6/2021 5:39:16 PM



#72  
 1,2,3-Trichloropropane  
 Concen: 20.698 ug/l m  
 RT: 11.244 min Scan# 1666  
 Delta R.T. 0.000 min  
 Lab File: VX023519.D  
 Acq: 03 Aug 2021 10:25

Tgt Ion: 75 Resp: 72254  
 Ion Ratio Lower Upper  
 75 100  
 77 38.8 0.0 77.4





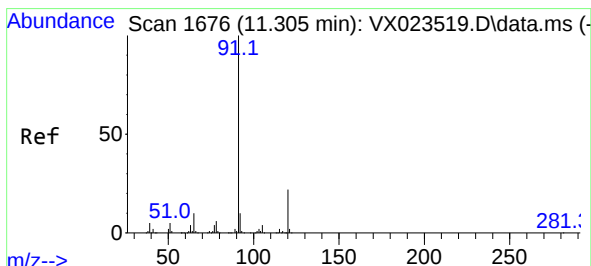
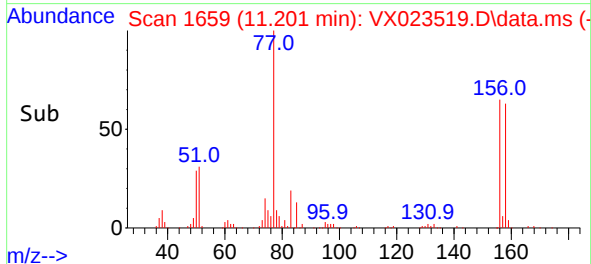
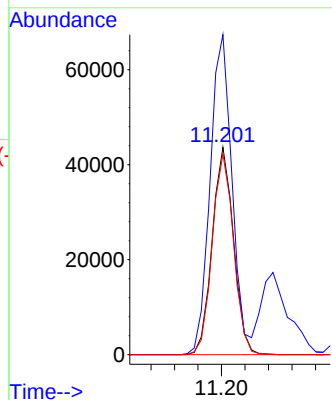
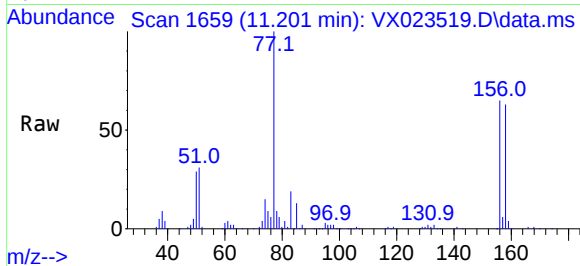
#73  
Bromobenzene  
Concen: 19.217 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 156 Resp: 55236  
Ion Ratio Lower Upper  
156 100  
77 158.2 0.0 303.2  
158 96.3 0.0 197.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

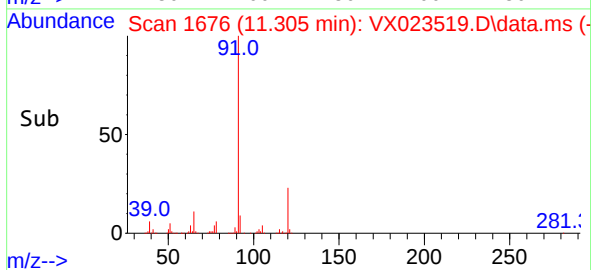
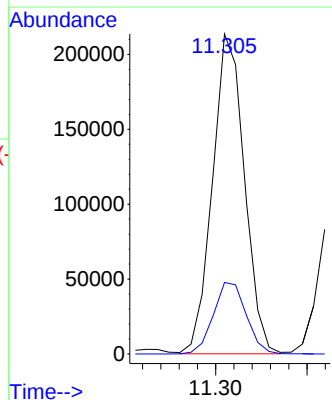
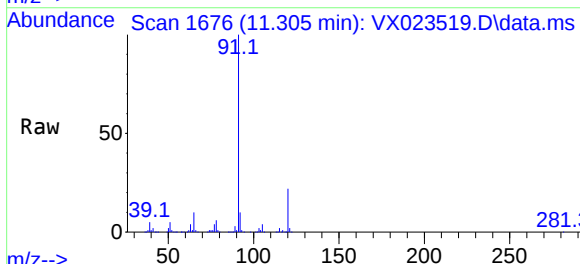
Manual Integrations  
APPROVED

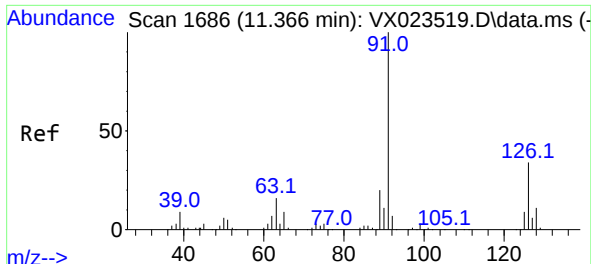
MMDadoda  
8/6/2021 5:39:16 PM



#74  
n-propylbenzene  
Concen: 19.282 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 91 Resp: 258822  
Ion Ratio Lower Upper  
91 100  
120 23.1 0.0 46.0





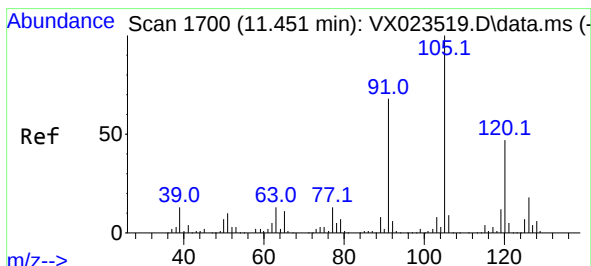
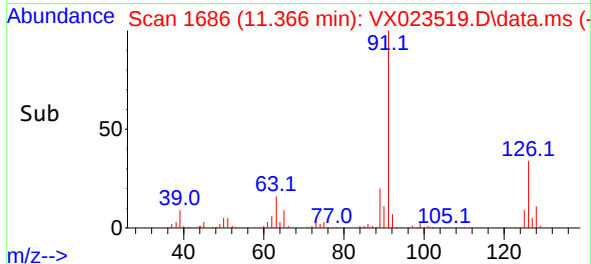
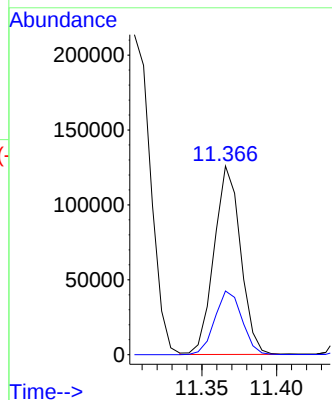
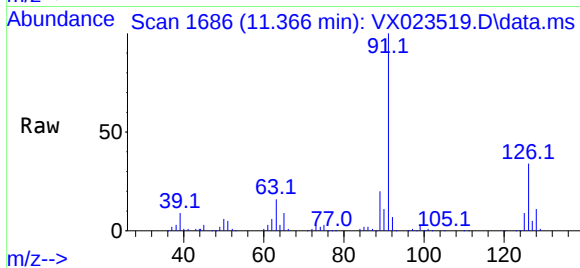
#75  
2-Chlorotoluene  
Concen: 19.294 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 91 Resp: 155093  
Ion Ratio Lower Upper  
91 100  
126 34.6 0.0 69.0

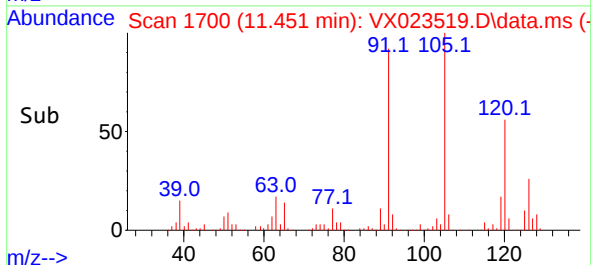
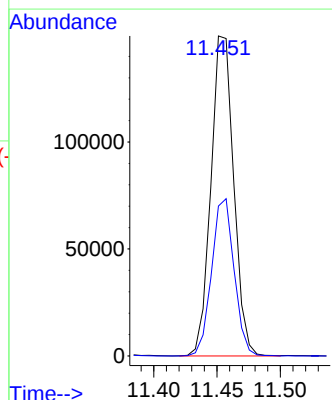
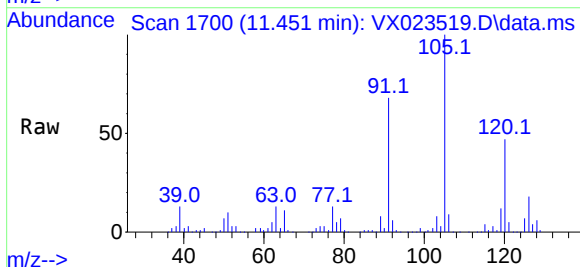
Manual Integrations  
APPROVED

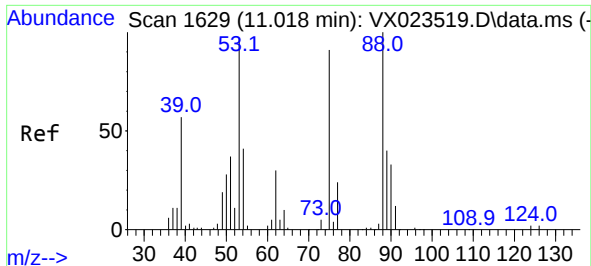
MMDadoda  
8/6/2021 5:39:16 PM



#76  
1,3,5-Trimethylbenzene  
Concen: 19.399 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 105 Resp: 187593  
Ion Ratio Lower Upper  
105 100  
120 48.5 0.0 98.0





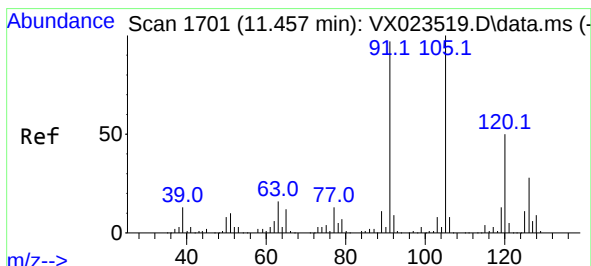
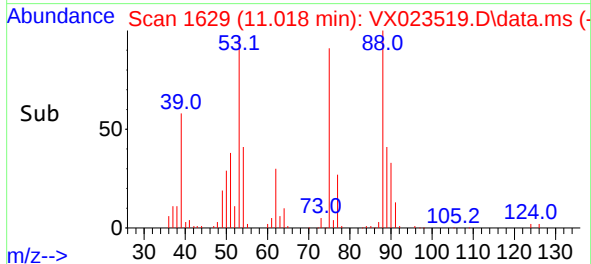
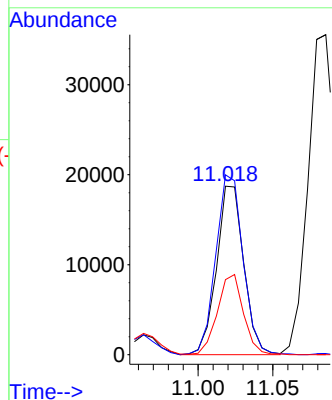
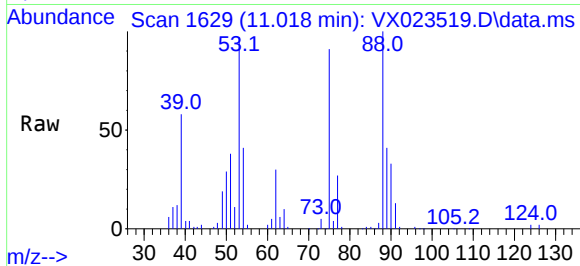
#77  
t-1,4-Dichloro-2-butene  
Concen: 19.383 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 75 Resp: 23736  
Ion Ratio Lower Upper  
75 100  
53 106.8 53.9 161.7  
89 44.1 22.9 68.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

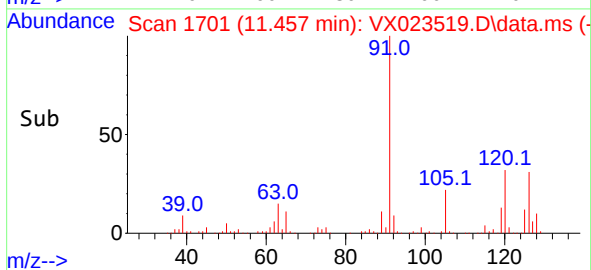
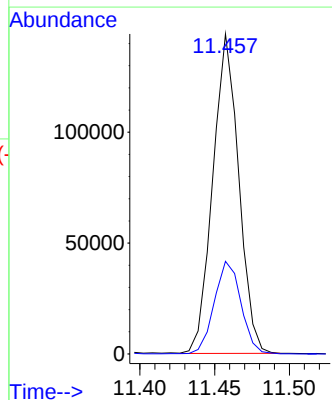
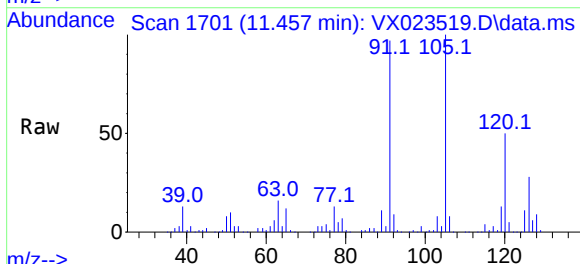
Manual Integrations  
APPROVED

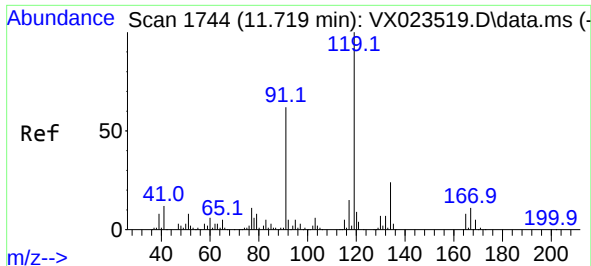
MMDadoda  
8/6/2021 5:39:16 PM



#78  
4-Chlorotoluene  
Concen: 19.228 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

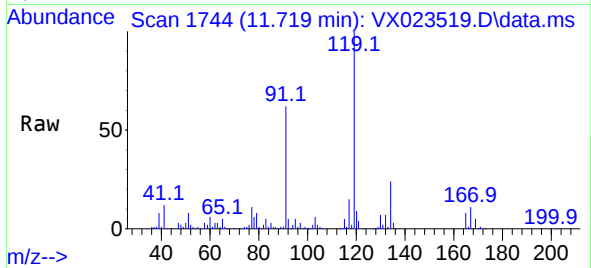
Tgt Ion: 91 Resp: 173589  
Ion Ratio Lower Upper  
91 100  
126 29.9 0.0 59.6





#79  
tert-butylbenzene  
Concen: 19.145 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

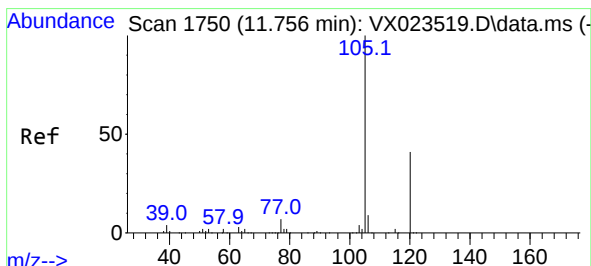
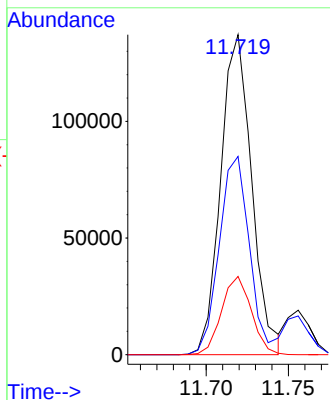
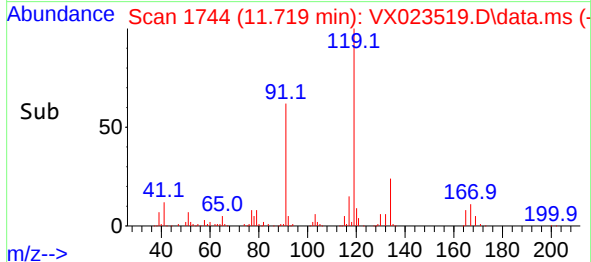
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



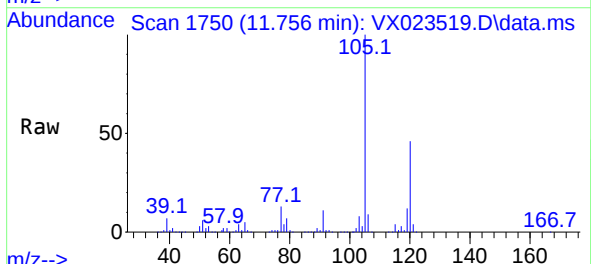
Tgt Ion:119 Resp: 180189  
Ion Ratio Lower Upper  
119 100  
91 59.8 0.0 121.2  
134 23.5 0.0 47.4

Manual Integrations  
APPROVED

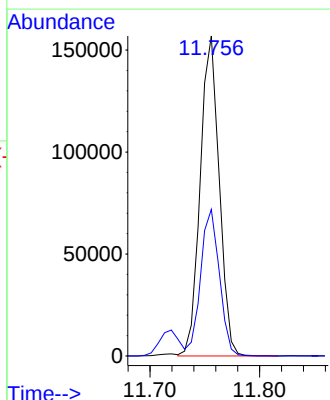
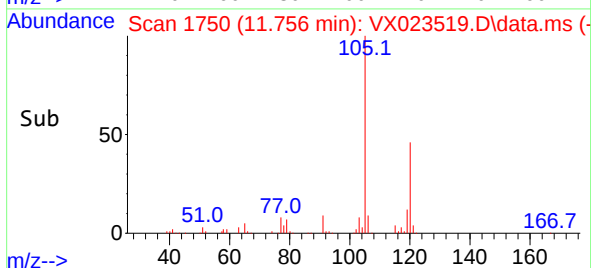
MMDadoda  
8/6/2021 5:39:16 PM

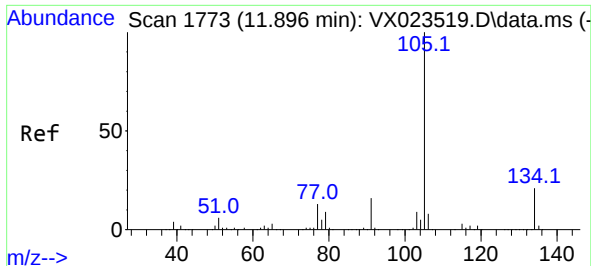


#80  
1,2,4-Trimethylbenzene  
Concen: 19.735 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



Tgt Ion:105 Resp: 188790  
Ion Ratio Lower Upper  
105 100  
120 45.3 0.0 90.4





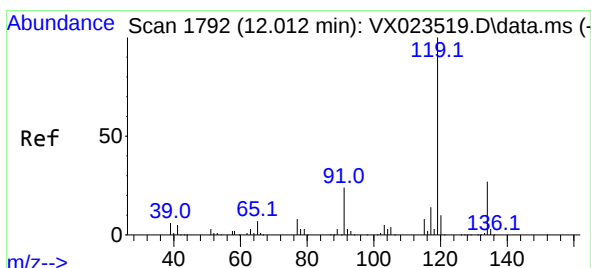
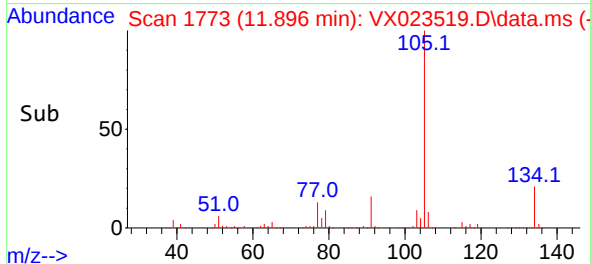
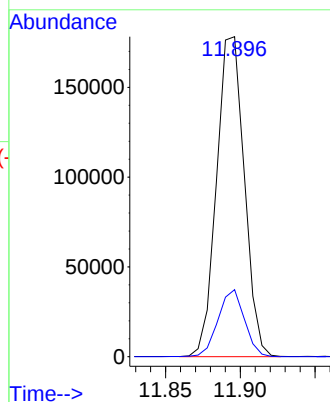
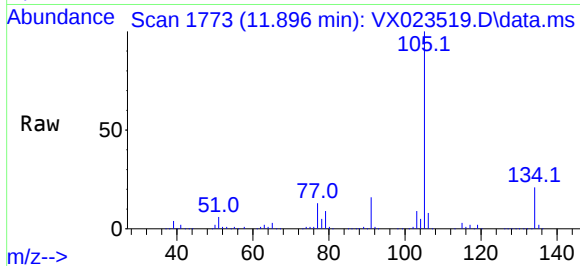
#81  
sec-Butylbenzene  
Concen: 19.173 ug/l  
RT: 11.896 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion:105 Resp: 230437  
Ion Ratio Lower Upper  
105 100  
134 19.9 0.0 40.2

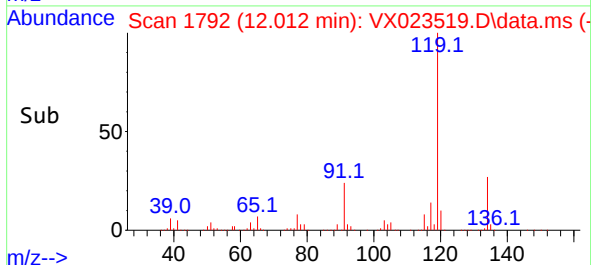
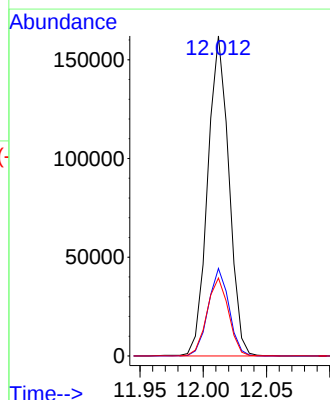
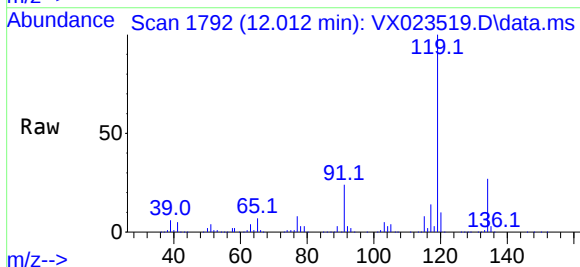
Manual Integrations  
APPROVED

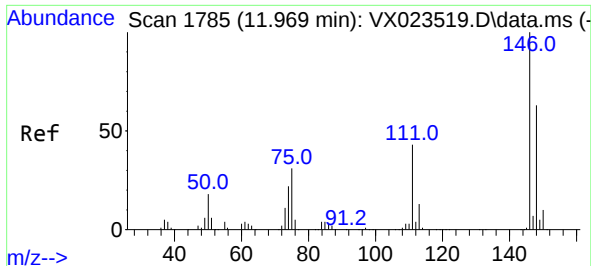
MMDadoda  
8/6/2021 5:39:16 PM



#82  
p-Isopropyltoluene  
Concen: 19.079 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion:119 Resp: 189038  
Ion Ratio Lower Upper  
119 100  
134 26.8 0.0 52.8  
91 24.7 0.0 48.6





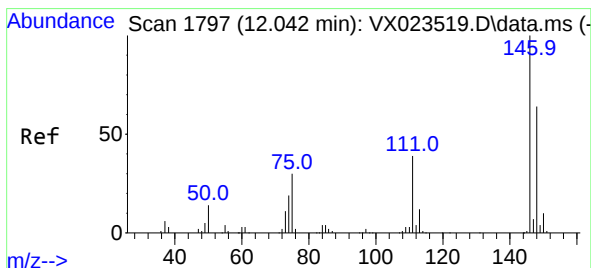
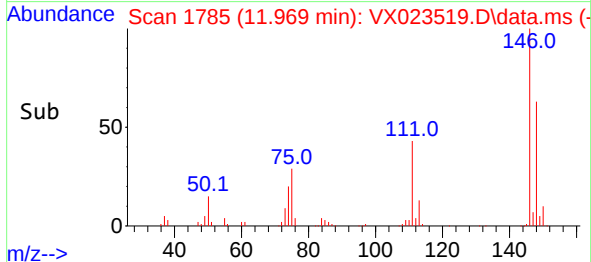
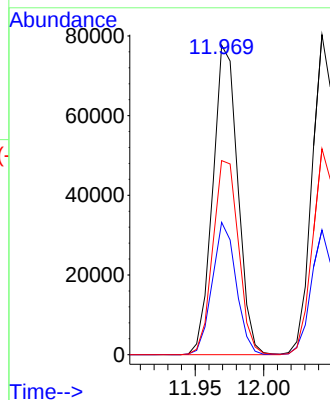
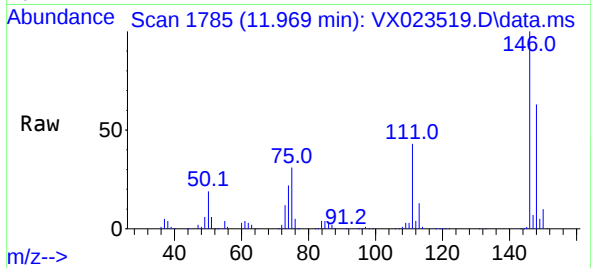
#83  
1,3-Dichlorobenzene  
Concen: 19.255 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion:146 Resp: 98589  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.1 60.2  
148 64.3 31.9 95.5

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

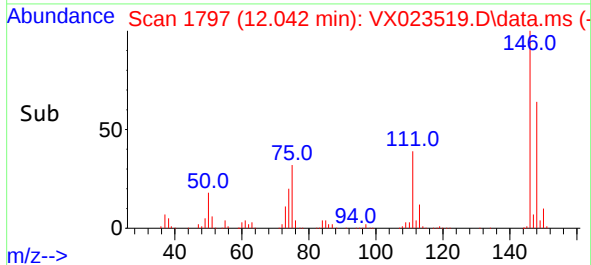
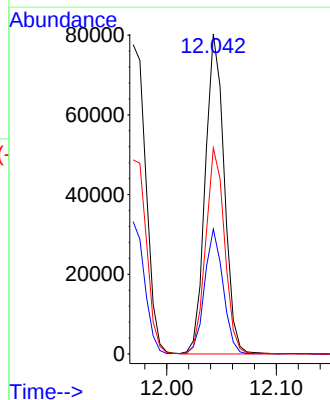
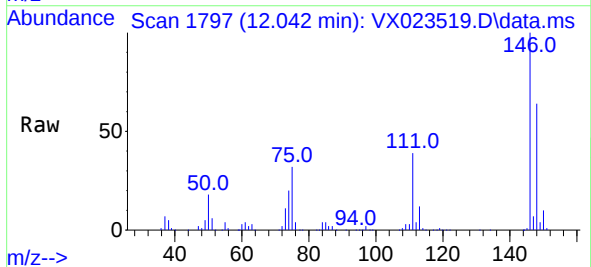
Manual Integrations  
APPROVED

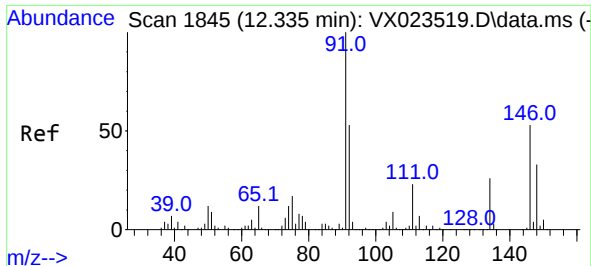
MMDadoda  
8/6/2021 5:39:16 PM



#84  
1,4-Dichlorobenzene  
Concen: 19.077 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion:146 Resp: 96611  
Ion Ratio Lower Upper  
146 100  
111 37.9 18.9 56.9  
148 63.8 31.4 94.2





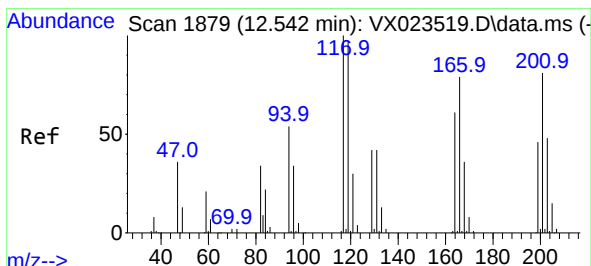
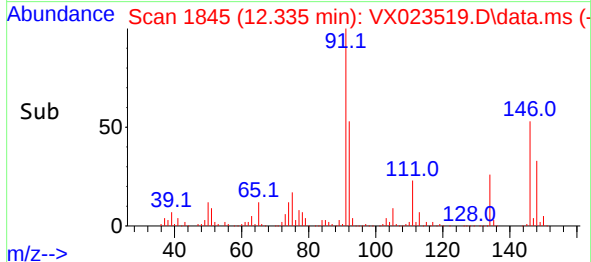
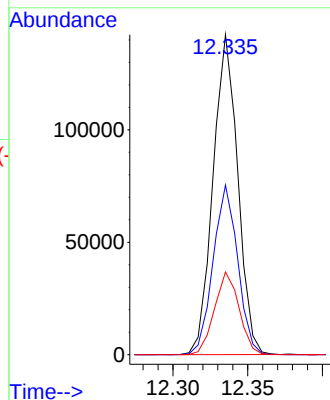
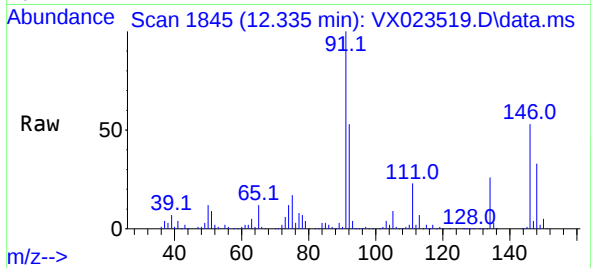
#85  
n-Butylbenzene  
Concen: 18.631 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 91 Resp: 163407  
Ion Ratio Lower Upper  
91 100  
92 52.5 0.0 105.4  
134 25.8 0.0 52.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

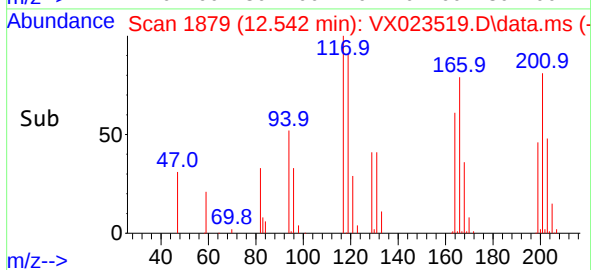
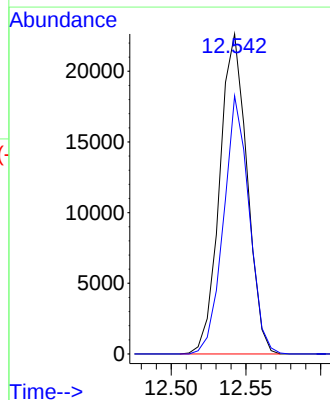
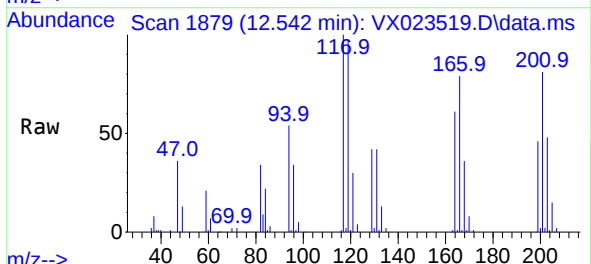
Manual Integrations  
APPROVED

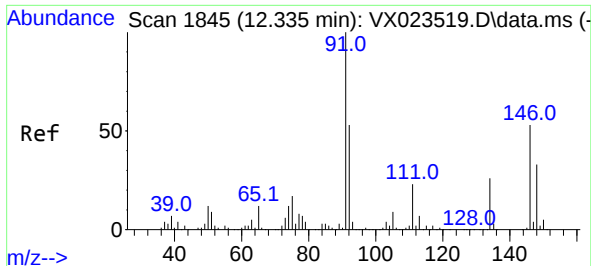
MMDadoda  
8/6/2021 5:39:16 PM



#86  
Hexachloroethane  
Concen: 18.328 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 117 Resp: 28864  
Ion Ratio Lower Upper  
117 100  
201 75.1 37.5 112.5





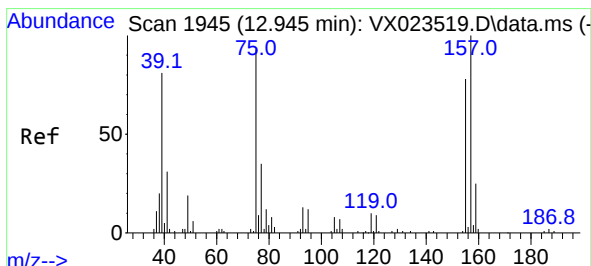
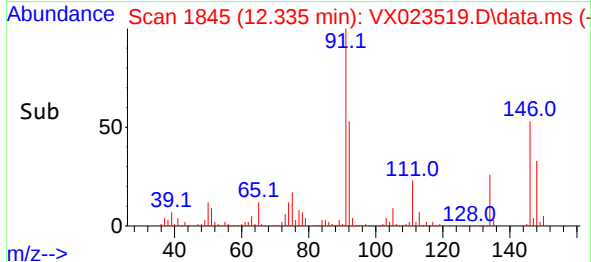
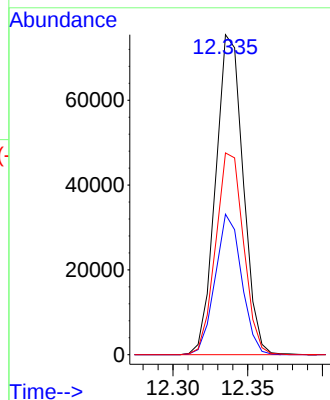
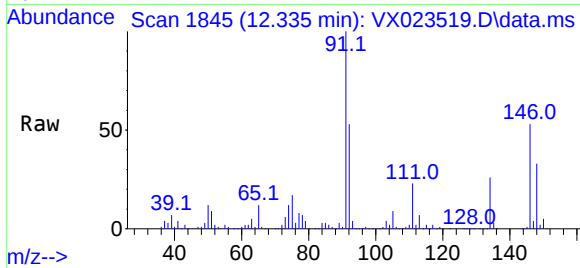
#87  
1,2-Dichlorobenzene  
Concen: 19.645 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

Tgt Ion: 146 Resp: 96679  
Ion Ratio Lower Upper  
146 100  
111 42.2 20.7 62.1  
148 63.9 32.6 97.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

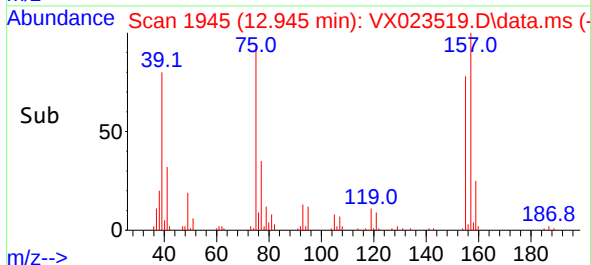
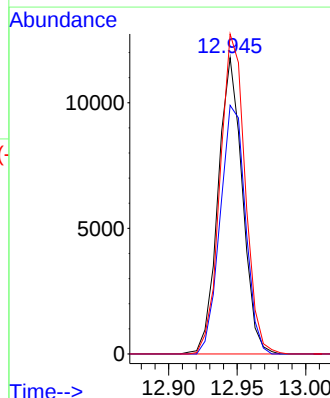
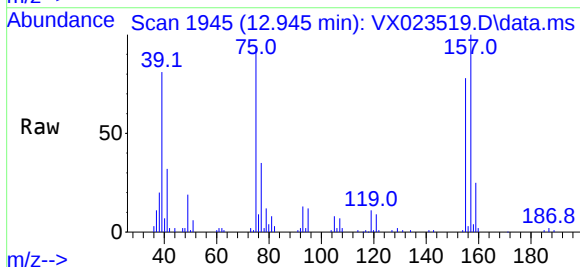
Manual Integrations  
APPROVED

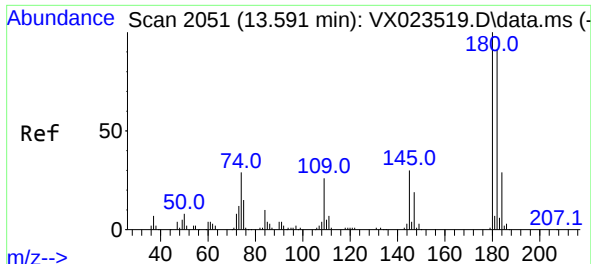
MMDadoda  
8/6/2021 5:39:16 PM



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 18.115 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

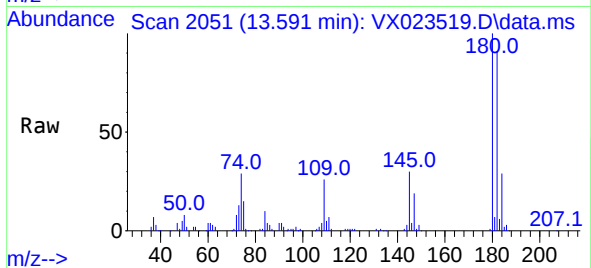
Tgt Ion: 75 Resp: 14516  
Ion Ratio Lower Upper  
75 100  
155 87.2 67.4 101.2  
157 111.0 85.8 128.8





#89  
1,2,4-Trichlorobenzene  
Concen: 18.499 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

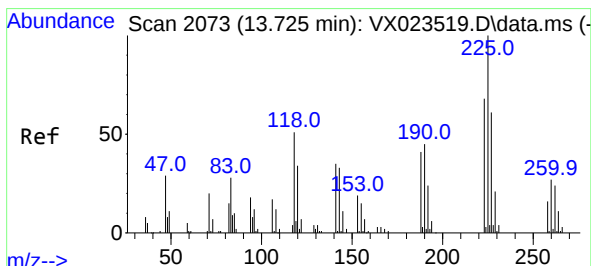
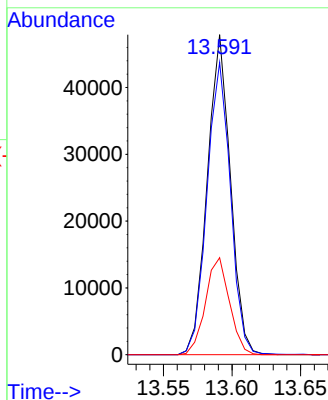
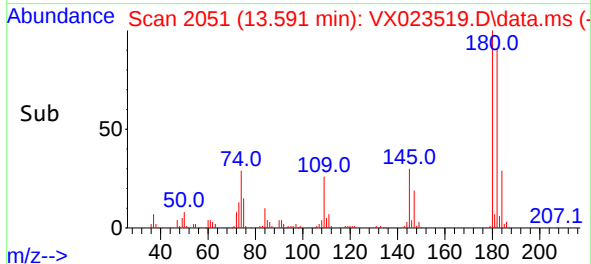
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



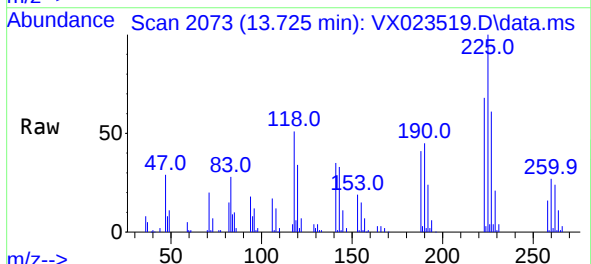
Tgt Ion:180 Resp: 56320  
Ion Ratio Lower Upper  
180 100  
182 92.6 75.9 113.9  
145 31.4 24.2 36.4

Manual Integrations  
APPROVED

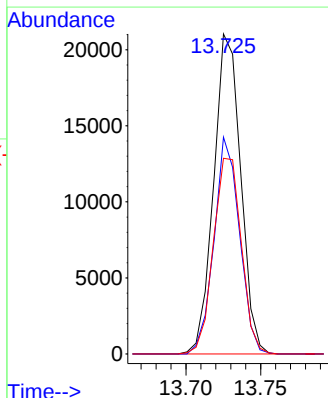
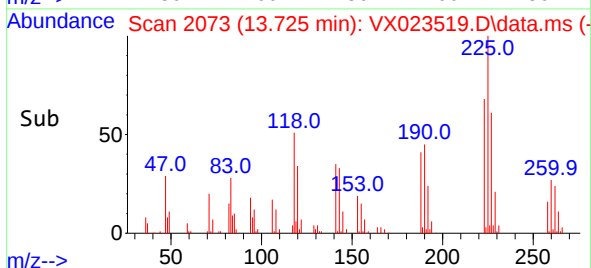
MMDadoda  
8/6/2021 5:39:16 PM

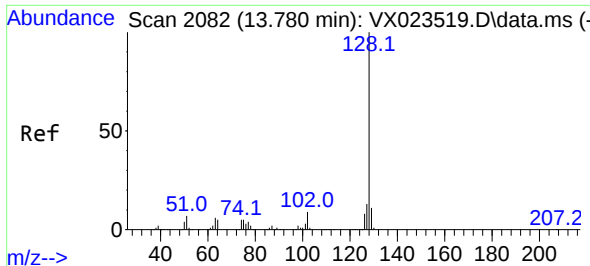


#90  
Hexachlorobutadiene  
Concen: 19.358 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



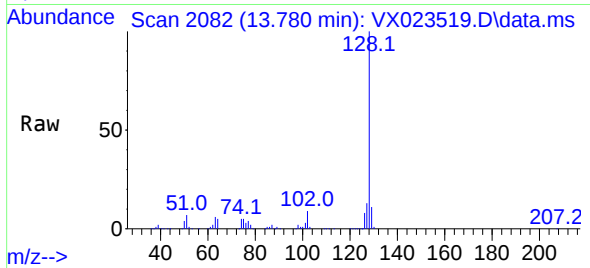
Tgt Ion:225 Resp: 26378  
Ion Ratio Lower Upper  
225 100  
223 63.9 0.0 126.4  
227 63.4 0.0 125.0





#91  
Naphthalene  
Concen: 18.741 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25

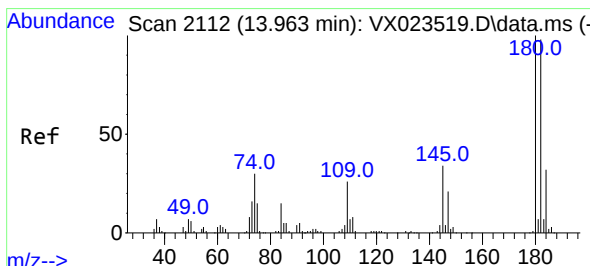
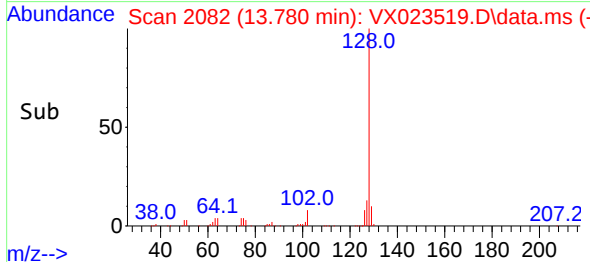
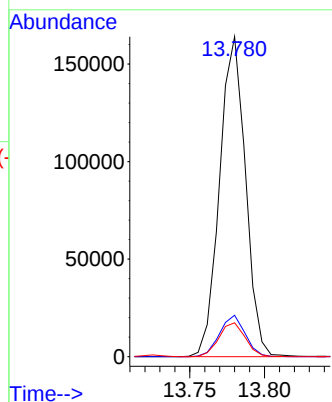
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



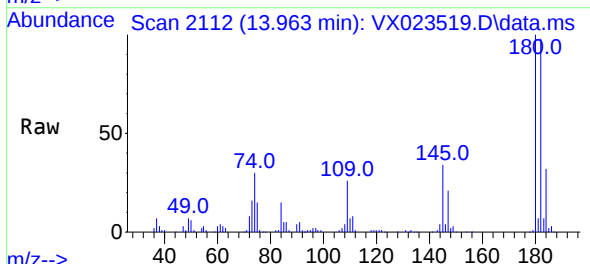
Tgt Ion:128 Resp: 197741  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.1 15.1  
129 10.8 8.6 12.8

Manual Integrations  
APPROVED

MMDadoda  
8/6/2021 5:39:16 PM



#92  
1,2,3-Trichlorobenzene  
Concen: 18.641 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX023519.D  
Acq: 03 Aug 2021 10:25



Tgt Ion:180 Resp: 57493  
Ion Ratio Lower Upper  
180 100  
182 95.6 0.0 193.4  
145 33.3 0.0 64.4

